Surface Water Data

Saskatchewan

Données sur les eaux de surface

1986

INLAND WATERS/LANDS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1987

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
ET DES TERRES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1987

Canada

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In 1887, Prime Minister Sir John A. Macdonald made an announcement of unprecedented environmental awareness. He announced the creation of the first Wildlife Sanctuary in Canada at Last Mountain Lake in Saskatchewan. This foresight in preserving an important site for migratory birds is readily appreciated in present times and is being recognized by officially declaring 1987 to be a year marking 100 years of wildlife conservation in Canada—Wildlife '87.

The Water Resources Branch is pleased to participate with the Canadian Wildlife Service in the celebration of Wildlife '87. Water is a vital element for all wildlife and the use of water data is critical to the wise management of waterfowl and many other wetland species.

The theme for Wildlife '87, "Gaining Momentum", is a reflection of the growing concern for wildlife conservation among Canadians. Recent surveys by the Canadian Wildlife Service have indicated that in 1981 about 80% of Canadians felt it was very important to maintain abundant wildlife and an even higher percentage participated in some form of wildlife-related activity.

The Canadian Wildlife Service has had a longstanding commitment to the conservation of wildlife. From its origin in the National Parks Branch of the Department of the Interior, it has emerged as an integral part of the current Department of Environment. Until the 1960s, the Canadian Wildlife Service mainly carried out research and management for migratory birds and acted as an advisory agency for Canadian wildlife issues. Subsequently, it has developed programs to provide wildlife information to the public, to protect species in danger of extinction and to conduct research and purchase land to preserve all wildlife.

The Canadian Wildlife Service has played an active role in Wildlife '87 and will continue to do so. By hosting the international RAMSAR Convention (May-June) and CITES Conference (July), attention will be drawn to the need to preserve wetlands and endangered species. The Canadian Wildlife Service will also coordinate the signing of management agreements and the designation of a number of wildlife conservation areas during 1987. These activities will identify wildlife problems and demonstrate the capability to arrive at cooperative solutions. It will be vital that Canadians continue to reach such cooperative solutions if wildlife is to survive the coming 100 years.

En 1887, le premier ministre Sir John A. Macdonald a fait une annonce qui dénotait une conscience sans précédent des problèmes relatifs à l'environnement. Il s'agissait de l'annonce de la création du premier refuge de faune au Canada, au lac Last Mountain, en Saskatchewan. L'esprit avant-gardiste et la prévoyance de ces efforts de conservation d'un site aussi important pour les oiseaux migrateurs, aujourd'hui bien plus aisément appréciés, sont officiellement reconnus par la déclaration de 1987 comme année marquant cent ans de conservation de la faune au Canada, sous la désignation de "Faune '87".

La Direction des ressources en eau est heureuse de se joindre au Service canadien de la faune dans la célébration de Faune '87. L'eau est un élément essentiel à la survie de toute faune, et les données sur celle-ci extrêmement nécessaires à la bonne gestion de la sauvagine et d'un grand nombre d'espèces vivant dans les terres humides.

Le thème choisi pour Faune '87, "Un nouvel essor", vise à refléter l'intérêt croissant des Canadiens pour la conservation de la faune. Des enquêtes menées récemment par le Service canadien de la faune indiquent qu'en 1981, environ 80 % des Canadiens accordaient une très grande importance à la préservation de l'abondance de la faune et qu'un pourcentage encore plus élevé s'adonnait à quelque forme d'activité reliée à la faune.

L'engagement de longue date du Service canadien de la faune à la conservation de la faune remonte à ses premiers jours comme Direction des parcs nationaux de l'ancien ministère de l'Intérieur. Le SCF est ensuite devenu partie intégrante de l'actuel ministère de l'Environnement. Jusqu'à dans les années 60, il effectuait principalement des recherches sur les populations et la gestion des oiseaux migrateurs et agissait à titre d'organisme consultatif pour les questions touchant à la faune du Canada. Le SCF s'est plus récemment doté de programmes d'information du public sur la faune, de protection des espèces menacées d'extinction et de recherche et d'acquisition de terres, pour assurer non seulement la protection des oiseaux migrateurs mais celle de toute la faune en général.

Le SCF a joué un rôle actif dans l'organisation de Faune '87 et continuera de le faire. Pendant la tenue au Canada de la Conférence internationale de RAMSAR à la fin mai début juin et de la CITES en juillet, l'attention sera attirée sur la nécessité de préserver les terres humides et les espèces menacées. Le SCF coordonnera aussi la signature d'accords de gestion et la désignation d'un certain nombre de zones de conservation en 1987. Ces activités mettront en valeur les problèmes dans le domaine de la faune et démontreront la possibilité d'y apporter des solutions coopératives. Il sera absolument essentiel pour assurer la survie de la faune au cours des cent prochaines années que les Canadiens continuent à parvenir à de telles solutions.

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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chief of the Water Resources Branch at Regina, Saskatchewan.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision du Chef régional de la Direction des ressources en eau, à Regina (Saskatchewan).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1986 calendar year, the results of the hydrometric survey investigations which were made in Saskatchewan by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment,
G.M.C. Building,
1102-8th Avenue,
Regina, Saskatchewan.
S4R 1C9
(306 780-5338)

or to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3 (819 997-1508).

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1986, the hydrometric surveys in Saskatchewan were conducted by the Water Survey of Canada under agreement with the Province of Saskatchewan. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1986, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués en Saskatchewan.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
Édifice G.M.C.
1102, Huitième avenue
Regina (Saskatchewan)
S4R 1C9
(306 780-5338)

ou au Directeur, Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0H3 (819 997-1508).

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1986, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques en Saskatchewan en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

Stream measurement work was carried on between 1894 and 1908 in connection with the Canadian Irrigation Surveys. Early in 1909 the Hydrometric Survey was organized as part of the Forestry and Irrigation Branch and was conducted by the Branch until 1911. The Hydrometric Survey was then assigned to the Irrigation Branch (later the Reclamation Service) remaining in that organization until July, 1920, when it was transferred to the Dominion Water Power Branch. Following the transfer of the natural resources of Saskatchewan to provincial control as of October 1, 1930, a co-operative agreement was arranged with the Government of Saskatchewan for the continuance of the hydrometric survey by the federal government. Although this agreement was terminated in 1933 work was continued by the federal government under letter arrangement until 1975. A co-operative agreement, (with an implementation date of April 1, 1975), was signed with the Government of Saskatchewan on February 18, 1975. The agreement provides that water quantity surveys will be continued by the federal government on a shared cost basis.

Entre 1894 et 1908, des relevés ont été effectués en même temps que les levés canadiens relatifs à l'irrigation. Au début de l'année 1909, un service des relevés hydrométriques a été créé au sein de la Direction des forêts et de l'irrigation, qui s'en est occupée jusqu'en 1911. L'exécution de ces relevés a ensuite été confiée à la Direction de l'irrigation (devenue plus tard le Service de la mise en valeur des terres), et ce jusqu'en juillet 1920, date à laquelle la Direction fédérale de l'énergie hydraulique en a pris charge. Après que la responsabilité des ressources naturelles de la Saskatchewan a passé à cette dernière, le 1er octobre 1930, un accord de coopération a été conclu avec son gouvernement, aux termes duquel le gouvernement fédéral s'est engagé à poursuivre l'exécution des relevés hydrométriques. L'accord a pris fin en 1933, mais en vertu d'une lettre d'entente, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 18 février 1975, le gouvernement de la Saskatchewan a signé un nouvel accord, qui est entré en vigueur le 1er avril 1975, renfermant des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques et partagera le coût des mesures avec la province.

CO-OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal – Agriculture Canada, PFRA.

Provincial – Saskatchewan Power Corporation;
Saskatchewan Research Council;
Saskatchewan Department of the Environment.

Private – Churchill River Power Company;
University of Saskatchewan.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral – Agriculture Canada (ARAP).

Niveau provincial – *Saskatchewan Power Corporation*,
Conseil de recherche de la Saskatchewan,
Ministère de l'Environnement de la Saskatchewan.

Secteur privé – *Churchill River Power Company*,
Université de la Saskatchewan.

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit − 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI)

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (metre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit − 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Water Resources Paper series containing sediment data incorporated a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue was a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* have been published annually. The sediment data since 1978 have been presented entirely in the International System of Units (SI).

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

De 1948 à 1960, on a recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenant des données sur les sédiments a paru dans la série intitulée *Water Resources Paper*; elle présentait un choix de ces données ainsi que des données recueillies en 1961 avant le 30 septembre à des stations établies pour la réalisation du programme permanent. La deuxième publication a porté sur les données recueillies dans le cadre du programme au cours des années hydrologiques 1962 et 1963. Par la suite, les données ont été publiées annuellement sous le titre *Données sur les sédiments - rivières canadiennes*. Depuis 1978, les données sont exprimées en unités du Système international (SI).

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations in Canada where sediment data were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations also listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions because it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

Un *Index de référence des données sur les sédiments* est publié. La première édition portait sur les données disponibles jusqu'en 1972. Les emplacements où des données sur les sédiments ont été recueillies au Canada par la Division des relevés hydrologiques y sont présentés sous forme de tableau. L'*Index* est subdivisé selon l'ordre alphabétique par province ou territoire, et les stations de mesure des sédiments sont classées par ordre alphabétique. À partir de 1978, les données sont exprimées en unités du Système international (SI). L'*Index* est publié tous les deux ans; l'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour effectuées depuis la dernière parution.

Une autre série de publications a porté le titre *Sommaire chronologique des données sur les sédiments de rivières canadiennes*. La première édition renfermait les données disponibles jusqu'en 1974. Cette série présentait un résumé donnant les moyennes mensuelles et annuelles historiques du débit des sédiments en suspension, les valeurs annuelles extrêmes de la concentration journalière et du débit journalier des sédiments en suspension et le débit annuel total des sédiments en suspension. À partir de 1978, les données ont été présentées en unités du Système international (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located an appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Recent revisions, corrections or additions made to the historical discharges and water levels are indicated by an "R" symbol in the summary publications. This "R" symbol is deleted from the data bank after publication of the summaries. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependant, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées récemment aux débits chronologiques et aux niveaux d'eau sont accompagnées du symbole «R» dans les publications sommaires. Ce symbole «R» est omis de la banque de données après la publication des sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationship; or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

MICROFICHE

All published daily discharge, water level and sediment data are available in metric units on microfiche, upon request. The data are stored in station number order by province. There are 270 frames per microfiche at 48X reduction; there is a visible heading showing the fiche number, type of data, province, beginning and ending station number and year of data, and the month/year the fiche was created. The last frame is an index of the contents of that fiche.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnée de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

MICROFICHE

Toutes les données publiées concernant les débits quotidiens, les niveaux d'eau et les sédiments sont disponibles sur microfiche en unités métriques aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par province. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la province, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette ainsi que le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

SURFACE WATER DATA/DONNÉES SUR LES EAUX DE SURFACE

ADAMS LAKE - STATION NO. 11AB005

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1188.131	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	1188.218	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	1188.189	---	---	8
9	---	---	1188.197E	1188.137E	1188.148E	1188.198E	1188.124E	1188.028E	1187.907E	1188.182E	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	1188.180	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	1188.121E	---	1188.170E	---	---	1187.869E	---	---	---	20
21	---	---	1188.168E	---	1188.178E	---	1188.103E	1187.985E	---	1188.128E	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	1188.100	---	---	---	---	---	23
24	---	1187.670E	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	1188.153	---	---	1187.850E	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	1188.224	---	---	---	---	---	---	---	1188.095E	---	---	27
28	---	---	---	---	---	---	---	1187.957	1188.390E	1188.090	---	---	28
29	---	1188.220E	---	---	---	---	---	---	---	---	---	---	29
30	---	---	---	1188.113	---	---	---	---	1188.354E	---	---	---	30
31	---	---	---	1188.117E	---	1188.144E	---	---	1188.337E	---	---	---	31
MEAN	---	---	1188.188E	1188.120E	1188.208E	1188.142E	1188.066E	1187.946E	---	1188.089E	---	---	MEAN
MAX	---	---	1188.138E	---	1188.211E	---	1188.083E	1187.942E	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1986

MAXIMUM DAILY, 1188.390E ON SEP 27
MINIMUM DAILY, 1187.670E ON FEB 23

TYPE OF GAUGE - MANUAL
LOCATION - LAT 45 38 33 N
LONG 109 50 14 W

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ALCOTT CREEK ABOVE MEADOW LAKE - STATION NO. 05AD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1118	0.7658	0.682	0.919	1.16	3.40	0.080	0.187	0.129	---	1
2	---	---	0.1118	0.6858	0.671	0.789	0.874	4.50	0.077	0.180	0.127	---	2
3	---	---	0.1118	0.5808	0.644	0.647	0.733	5.95	0.071	0.172	0.122	---	3
4	---	---	0.1118	0.5008	0.594A	0.559	0.628	6.92	0.065	0.175	0.143	---	4
5	---	---	0.1118	0.4478	0.480E	0.580	0.547	6.64	0.072	0.180	0.209	---	5
6	---	---	0.1118	0.5208	0.400E	0.674	0.507	5.80	0.064	0.189	0.161A	---	6
7	---	---	0.1118	0.7608	0.320E	0.614	0.486	4.78	0.069	0.203	---	---	7
8	---	---	0.1118	1.16 E	0.295E	0.789	0.441	3.69	0.084	0.194	---	---	8
9	---	---	0.1118	1.10 E	0.285E	0.774	0.403	2.47	0.054	0.187A	---	---	9
10	---	---	0.1118	0.9108	0.325E	0.632	0.348	1.73	0.046	0.201A	---	---	10
11	---	---	0.1118	0.7408	0.400E	0.552	0.368	1.39	0.035	0.182	---	---	11
12	---	---	0.1118	0.7108	0.520E	0.527	0.428	1.18	0.031	0.184	---	---	12
13	---	---	0.1118	0.7608	0.688A	0.522	0.544	1.04	0.023	0.188	---	---	13
14	---	---	0.1118	0.7828	0.788	0.511	1.05	1.00	0.025	0.192	---	---	14
15	---	---	0.1118	0.7508	1.20	0.435	1.47	0.838	0.047	0.182	---	---	15
16	---	---	0.1118	0.6808	1.50	0.410	1.56	0.658	0.043	0.185	---	---	16
17	---	---	0.1118	0.6428	1.63	0.353	1.59	0.573	0.052	0.174	---	---	17
18	---	---	0.1118	0.6368	2.13	0.320	1.99	0.470	0.073	0.184	---	---	18
19	---	---	0.1118	0.6768	3.00	0.542	2.46	0.436	0.086	0.159	---	---	19
20	---	---	0.1118	0.7238	3.46	1.04	2.86	0.408	0.058	0.162	---	---	20
21	---	---	0.1118	0.878	3.28	1.47	2.36	0.373	0.053	0.175	---	---	21
22	---	---	0.1148	0.883	3.25	1.37	1.88	0.309	0.089	0.186	---	---	22
23	---	---	0.1188	0.734	3.42	1.22	1.80	0.253	0.084	0.181	---	---	23
24	---	---	0.1258	0.844	4.19	1.14	1.84	0.249	0.078	0.182	---	---	24
25	---	---	0.1488	0.883	4.02	1.04	2.28	0.183	0.075	0.192	---	---	25
26	---	---	0.2308	0.863	3.31	1.06	2.38	0.141	0.105	0.171	---	---	26
27	---	---	0.3208	0.888	2.49	1.03	2.19	0.136	0.119	0.185	---	---	27
28	---	---	0.4208	0.815	2.03	1.22	2.08	0.118	0.114	0.158	---	---	28
29	---	---	0.5808	0.765	1.83	2.47	2.13	0.103	0.126	0.138	---	---	29
30	---	---	0.7408	0.673	1.64	2.20	2.78	0.082	0.180	0.133	---	---	30
31	---	---	0.7658		1.11		3.30	0.074		0.129		---	31
TOTAL	---	---	5.891	22.307	50.508	26.589	45.545	56.305	2.118	5.440	---	---	TOTAL
MEAN	---	---	0.190	0.744	1.63	0.886	1.47	1.82	0.071	0.175	---	---	MEAN
MAX	---	---	0.765	1.16	4.13	2.47	3.30	6.92	0.180	0.203	---	---	MAX
MIN	---	---	0.111	0.467	0.285	0.320	0.348	0.074	0.023	0.129	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.875
MAXIMUM DAILY, 6.92 ON AUG 4
MINIMUM DAILY, 0.023 ON SEP 13
MAXIMUM INSTANTANEOUS,
7.04 AT 18:09 CST ON AUG 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 57 10 N
LONG 107 58 30 W
DRAINAGE AREA, 416 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 840
FEB	---	AUG	4 860
MAR	508	SEP	183
APR	1 930	OCT	470
MAY	4 360	NOV	---
JUN	2 300	DEC	---

TOTAL DISCHARGE, 18 800 dam³

ALTAWAN RESERVOIR NEAR GOVENLOCK - STATION NO. 11AB089

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	900.049	899.991	899.820	899.781	899.482	898.714	898.467	899.195	898.984	---	1
2	---	---	900.122	899.971	899.815	899.701	899.464	898.672	898.465	899.167	898.990	---	2
3	---	891.161A	900.082	899.927	899.619	899.627	899.476	898.654	898.457	899.164	898.992A	---	3
4	---	891.181	900.061	899.931	899.810	899.564	899.458	898.649	898.451	899.170	---	---	4
5	---	891.195	900.092	899.915	899.805	899.523	899.449	898.632	898.443	899.153	---	---	5
6	---	891.214A	900.117	899.904	899.791	899.501	899.446	898.617	898.441	899.139	---	---	6
7	---	891.216E	900.044	899.890	899.794	899.523	899.450	898.617	898.439	899.112	---	---	7
8	---	891.211E	899.991	899.888	899.788	899.528	899.447	898.611	898.432	899.082	---	---	8
9	---	891.207E	899.968	899.884	899.791	899.541	899.442	898.598	898.435	899.063	---	---	9
10	---	891.208E	899.950	899.885	899.828	899.539	899.433	898.592	898.452	899.041	---	---	10
11	---	891.205E	899.968	899.883	899.857	899.537	899.422	898.591	898.447	899.028	---	---	11
12	---	891.203E	899.973	899.882	899.884	899.526	899.414	898.588	898.432	899.026	---	---	12
13	---	891.201E	899.960	899.887	899.893	899.529	899.410	898.581	898.427	899.027	---	---	13
14	---	891.203E	899.939	899.892	899.895	899.535	899.406	898.579	898.427	899.026	---	---	14
15	---	891.198E	899.922	899.895	899.895	899.530	899.401	898.575	898.428	899.024	---	---	15
16	---	891.198E	899.910	899.898	899.902	899.527	899.400	898.562	898.436	899.024	---	---	16
17	---	891.199E	899.913	899.911	899.905	899.530	899.406	898.555	898.442	899.024	---	---	17
18	---	891.195E	899.907	899.905	899.958	899.534	899.401	898.556	898.445	899.024	---	---	18
19	---	891.192E	899.901	899.898	900.053	899.524	899.400	898.549	898.454	899.018	---	---	19
20	---	891.194E	899.909	899.898	900.082	899.519	899.399	898.531	898.463	899.018	---	---	20
21	---	891.191E	899.955	899.882	900.098	899.511	899.380	898.527	898.471	899.021	---	---	21
22	---	891.190E	900.048	899.883	900.103	899.509	899.323	898.522	898.473	899.018	---	---	22
23	---	891.189E	900.099	899.871	900.109	899.509	899.254	898.522	898.477	899.012	---	---	23
24	---	891.191A	900.086	899.854	900.125	899.508	899.201	898.516	898.476	899.012	---	---	24
25	---	891.167	900.054	899.850	900.125	899.495	899.146	898.509	899.885	899.012	---	---	25
26	---	892.801	900.022	899.844	900.088	899.485	899.086	898.505	901.322	899.016	---	---	26
27	---	897.925	900.010	899.846	900.040	899.476	899.024	898.500	900.356	899.015	---	---	27
28	---	899.519	899.996	899.848	899.975	899.470	898.959	898.496	899.806	899.011	---	---	28
29	---		899.984	899.831	899.936	899.474	898.900	898.493	899.411	898.999	---	---	29
30	---		899.983	899.821	899.889	899.481	898.830	898.485	899.263	898.993	---	---	30
31	---		899.991		899.828		898.773	898.473		898.986		---	31
MEAN	---	---	900.001	899.889	899.926	899.534	899.307	898.567	898.781	899.052	---	---	MEAN
MAX	---	---	900.122	899.991	900.125	899.781	899.484	898.714	901.322	899.195	---	---	MAX
MIN	---	---	899.901	899.821	899.788	899.470	898.773	898.473	898.427	898.986	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 901.322 ON SEP 26

MAXIMUM INSTANTANEOUS,
901.630 AT 04:57 CST ON SEP 26

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 10 00 N
LONG 109 55 00 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

AMISK LAKE NEAR FLIN FLON - STATION NO. 05KG003

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.141	1.079	1.025	0.973	0.992	1.094	1.102	1.230	1.247	1.187	1.122	1.090	1
2	1.138	1.076	1.023	0.967	0.991	1.099	1.106	1.240	1.244	1.177	1.116	1.086	2
3	1.136	1.075	1.021	0.962	0.990	1.093	1.113	1.251	1.243	1.181	1.116	1.084	3
4	1.134	1.073	1.017	0.957	0.992	1.092	1.116	1.249	1.223	1.179	1.116	1.088	4
5	1.131	1.068	1.018	0.957	0.991	1.095	1.112	1.260	1.225	1.182	1.113	1.089	5
6	1.124	1.068	1.017	0.960	0.990	1.095	1.123	1.269	1.227	1.174	1.108	1.087	6
7	1.120	1.064	1.009	0.958	0.988	1.088	1.119	1.278	1.218	1.177	1.096	1.085	7
8	1.118	1.060	1.005	0.956	0.992	1.090	1.114	1.278	1.211	1.172	1.089	1.096	8
9	1.121	1.059	1.008	0.958	0.993A	1.089	1.112	1.275	1.217	1.175	1.106	1.097	9
10	1.115	1.057	1.004	0.958	0.993E	1.093	1.110	1.286	1.211	1.155	1.115	1.096	10
11	1.115	1.054	1.002	0.974	1.001E	1.098	1.109	1.290	1.205	1.161	1.110	1.095	11
12	1.115	1.054	0.999	0.978	1.010A	1.098	1.128	1.292	1.205	1.166	1.114	1.093	12
13	1.111	1.052	0.998	0.970	1.014	1.103	1.127	1.295	1.208	1.150	1.107	1.097	13
14	1.108	1.050	0.997	0.971	1.018	1.102	1.127	1.298	1.206	1.155	1.105	1.095	14
15	1.107	1.047	0.992	0.965	1.034	1.092	1.133	1.305	1.201	1.153	1.104	1.094	15
16	1.107	1.041	0.988	0.965	1.047	1.098	1.132	1.299	1.197	1.151	1.103	1.094	16
17	1.103	1.043	0.988	0.962	1.054	1.094	1.134	1.297	1.200	1.153	1.104	1.094	17
18	1.100	1.042	0.984	0.965	1.056	1.094	1.154	1.290	1.198	1.154	1.100	1.093	18
19	1.096	1.040	0.983	0.966	1.064	1.088	1.148	1.291	1.201	1.154	1.094	1.090	19
20	1.098	1.038	0.982	0.964	1.067	1.109	1.152	1.288	1.197	1.153	1.099	1.089	20
21	1.096	1.037	0.978	0.964	1.071	1.115	1.147	1.282	1.192	1.151	1.101	1.088	21
22	1.093	1.033	0.980	0.963	1.072	1.102	1.148	1.278	1.195	1.147	1.100	1.088	22
23	1.088	1.031	0.978	0.970	1.076	1.107	1.154	1.278	1.195	1.148	1.095	1.083	23
24	1.095	1.026	0.980	0.978	1.080	1.105	1.158	1.275	1.186	1.147	1.101	1.085	24
25	1.096	1.028	0.978	0.978	1.085	1.104	1.171	1.257	1.154	1.141	1.100	1.081	25
26	1.089	1.027	0.974	0.978	1.090	1.108	1.171	1.259	1.165	1.141	1.096	1.081	26
27	1.090	1.027	0.973	0.978	1.091	1.109	1.174	1.260	1.186	1.139	1.095	1.081	27
28	1.090	1.026	0.973	0.981	1.093	1.112	1.184	1.257	1.187	1.128	1.093	1.077	28
29	1.088		0.970	0.985	1.091	1.104	1.207	1.257	1.189	1.133	1.090	1.076	29
30	1.084		0.969	0.992	1.083	1.108	1.211	1.256	1.191	1.126	1.090	1.075	30
31	1.080		0.971		1.088		1.224	1.249		1.127		1.074	31
MEAN	1.107	1.049	0.993	0.969	1.039	1.099	1.143	1.273	1.204	1.156	1.103	1.088	MEAN
MAX	1.141	1.079	1.025	0.995	1.093	1.115	1.224	1.305	1.247	1.187	1.122	1.097	MAX
MIN	1.080	1.026	0.969	0.956	0.988	1.086	1.102	1.230	1.154	1.126	1.089	1.074	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 1.103
MAXIMUM DAILY, 1.305 ON AUG 15
MINIMUM DAILY, 0.956 ON APR 5
MAXIMUM INSTANTANEOUS,
1.353 AT 16:38 CST ON AUG 15

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 39 53 N
LONG 102 04 56 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
14 600 km^2

ANGLIN LAKE RESERVOIR - STATION NO. 05CG005

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	515.333	515.380	515.395	515.428	515.405	515.422	515.344	515.371	515.255	515.250	515.254	515.292	1
2	515.335	515.381	515.396	515.434	515.407	515.417	515.339	515.386	515.249	515.252	515.255	515.298	2
3	515.338	515.382	515.395	515.436	515.408	515.410	515.337	515.370	515.243	515.241	515.256	515.296	3
4	515.338	515.383	515.396	515.439	515.412	515.398	515.322	515.373	515.244	515.255	515.258	515.297	4
5	515.341	515.384	515.396	515.443	515.421	515.392	515.332	515.375	515.252	515.248	515.262	515.300	5
6	515.341	515.385	515.398	515.450	515.418	515.388	515.335	515.377	515.243	515.248	515.261	515.299	6
7	515.342	515.385	515.399	515.454	515.414	515.387	515.333	515.375	515.241	515.259	515.264	515.305	7
8	515.343	515.387	515.409	515.456	515.418	515.375	515.332	515.376	515.237	515.252	515.269	515.308	8
9	515.342	515.388	515.412	515.458	515.427	515.382	515.327	515.376	515.231	515.244	515.269	515.308	9
10	515.343	515.389	515.412	515.460	515.430	515.377	515.329	515.367	515.228	515.267	515.269	515.311	10
11	515.341	515.388	515.412	515.458	515.453	515.373	515.332	515.354	515.239	515.246	515.268	515.312	11
12	515.343	515.390	515.412	515.456	515.460	515.378	515.328	515.362	515.238	515.235	515.268	515.310	12
13	515.346	515.392	515.412	515.453	515.459	515.381	515.327	515.362	515.227	515.253	515.271A	515.311	13
14	515.346	515.391	515.411	515.451	515.477	515.388	515.322	515.357	515.224	515.249	515.273A	515.312	14
15	515.347	515.393	515.412	515.447	515.494	515.370	515.318	515.357	515.224	515.252	515.272A	515.314	15
16	515.348	515.394	515.413	515.443	515.497	515.384	515.318	515.359	515.226	515.250	515.273E	515.315	16
17	515.351	515.398	515.412	515.443	515.489	515.359	515.330	515.344	515.233	515.250	515.274E	515.316	17
18	515.351	515.396	515.413	515.441	515.492	515.365	515.339	515.346	515.231	515.252	515.276E	515.319	18
19	515.355	515.395	515.414	515.437	515.500	515.351	515.345	515.345	515.225	515.251	515.281E	515.318	19
20	515.356	515.395	515.414	515.434	515.503	515.345	515.340	515.333	515.226	515.253	515.280E	515.318	20
21	515.358	515.395	515.414	515.433	515.492	515.346	515.344	515.324	515.235	515.259	515.282E	515.319	21
22	515.361	515.396	515.415	515.441	515.494	515.355	515.335	515.322	515.230	515.254	515.282E	515.321	22
23	515.364	515.397	515.416	515.451	515.492	515.350	515.342	515.311	515.235	515.255	515.284	515.323	23
24	515.371	515.397	515.418	515.452	515.489	515.354	515.342	515.313	515.239	515.255	515.285	515.324	24
25	515.372	515.396	515.421	515.452	515.477	515.355	515.341	515.308	515.243	515.259	515.286	515.325	25
26	515.372	515.395	515.422	515.443	515.467	515.354	515.347	515.292	515.254	515.260	515.288	515.325	26
27	515.373	515.395	515.420	515.435	515.462	515.355	515.348	515.284	515.239	515.263	515.290	515.326	27
28	515.376	515.395	515.421	515.428	515.465	515.355	515.358	515.280	515.238	515.266	515.291	515.327	28
29	515.377		515.422	515.419	515.454	515.347	515.362	515.277	515.245	515.259	515.290	515.329	29
30	515.378		515.425	515.412	515.450	515.343	515.373	515.277	515.247	515.264	515.291	515.332	30
31	515.380		515.427		515.442		515.374	515.271		515.263		515.331	31
MEAN	515.354	515.381	515.411	515.443	515.457	515.371	515.339	515.339	515.238	515.254	515.274	515.314	MEAN
MAX	515.380	515.397	515.427	515.460	515.503	515.422	515.374	515.377	515.264	515.267	515.291	515.332	MAX
MIN	515.333	515.380	515.395	515.412	515.405	515.343	515.316	515.271	515.224	515.239	515.264	515.292	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 515.[illegible]
MAXIMUM DAILY, 515.503 ON MAY 20
MINIMUM DAILY, 515.224 ON SEP 14
MAXIMUM INSTANTANEOUS,
515.510 AT 23:30 CST ON MAY 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 39 50 N
LONG 106 00 30 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

ANTELOPE CREEK NEAR CABRI - STATION NO. 05HC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.122B	0	0	0.007	0	0	0	0	---	---	1
2	---	0 B	0.072B	0	0	0.007	0	0	0	0	---	---	2
3	---	0 B	0.052	0	0	0.006	0	0	0	0	---	---	3
4	---	0 B	0.036	0	0	0.007	0	0	0	0	---	---	4
5	---	0 B	0.028	0	0	0.013	0	0	0	0	---	---	5
6	---	0 B	0.017A	0	0	0.013	0	0	0	0	---	---	6
7	---	0 B	0.012E	0	0	0.013	0	0	0	0	---	---	7
8	---	0 B	0.008E	0	0	0.013	0	0	0	0	---	---	8
9	---	0 B	0.005E	0	0	0.018	0	0	0	0	---	---	9
10	---	0 B	0.003E	0	0	0.014	0	0	0	0	---	---	10
11	---	0 B	0.002E	0	0	0.010	0	0	0	0	---	---	11
12	---	0 B	0.001A	0	0	0.007	0	0	0	0	---	---	12
13	---	0 B	0	0	0.001	0.008	0	0	0	0	---	---	13
14	---	0 B	0	0	0.008	0.010	0	0	0	0	---	---	14
15	---	0 B	0	0	0.008	0.015	0	0	0	0	---	---	15
16	---	0 B	0	0	0.008	0.018	0	0	0	0	---	---	16
17	---	0 B	0	0	0.008	0.014	0	0	0	0	---	---	17
18	---	0 B	0	0	0.010	0.009	0	0	0	0	---	---	18
19	---	0 B	0	0	0.011	0.004	0	0	0	0	---	---	19
20	---	0 B	0	0	0.014	0.001	0	0	0	0	---	---	20
21	---	0 B	0	0	0.014	0	0	0	0	0	---	---	21
22	---	0 B	0	0	0.025	0	0.010	0	0	0	---	---	22
23	---	0 B	0	0	0.023	0	0.434	0	0	0	---	---	23
24	---	0 B	0	0	0.018	0	0.336	0	0	0	---	---	24
25	---	0 B	0	0	0.013	0	0.031	0	0	0	---	---	25
26	---	0 B	0	0	0.010	0	0.010	0	0	0	---	---	26
27	---	0.114B	0	0	0.008	0	0.030	0	0	0	---	---	27
28	---	0.348B	0	0	0.007	0	0.018	0	0	0	---	---	28
29	---		0	0	0.006	0	0.002	0	0	0	---	---	29
30	---		0	0	0.006	0	0	0	0	0	---	---	30
31	---		0		0.007		0	0		0		---	31
TOTAL	---	0.462	0.359	0	0.204	0.205	0.891	0	0	0	---	---	TOTAL
MEAN	---	0.017	0.012	0	0.007	0.007	0.029	0	0	0	---	---	MEAN
MAX	---	0.348	0.122	0	0.025	0.018	0.434	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.008
MAXIMUM DAILY, 0.434 ON JUL 23
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
1.328 AT 11:27 CST ON FEB 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 41 N
LONG 108 22 50 W
DRAINAGE AREA, 244 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	77.0
FEB	39.5	AUG	0
MAR	30.9	SEP	0
APR	0	OCT	0
MAY	17.6	NOV	---
JUN	17.7	DEC	---

TOTAL DISCHARGE, 183 dam³

REMARKS - SIGNIFICANT RUNOFF INCLUDING THE PEAK DISCHARGE OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

ANTLER RIVER NEAR WAUCHOPE - STATION NO. 05NF010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.100B	0.230	0.056	0	0.001	0.012	0	0	---	---	1
2	---	---	1.50 B	0.161	0.037	0	0	0.004	0	0.001	---	---	2
3	---	---	2.26 B	0.167	0.035	0	0	0.006	0	0.002	---	---	3
4	---	---	1.25 B	0.132	0.045	0	0	0.018	0	0.002	---	---	4
5	---	---	0.619B	0.122	0.234	0	0.209	0.011	0	0.001	---	---	5
6	---	---	0.520B	0.165	1.82	0	0.188	0.025	0	0	---	---	6
7	---	---	0.402B	0.154	2.22	0	0.065	0.032	0	0	---	---	7
8	---	---	0.251B	0.116	1.58	0	0.063	0.015	0	0	---	---	8
9	---	---	0.144B	0.095	1.55	0	0.225	0.009	0	0	---	---	9
10	---	---	0.120B	0.079	1.75	0	0.188	0.002	0	0	---	---	10
11	---	---	0.083B	0.084	1.58	0	0.071	0	0	0	---	---	11
12	---	---	0.081B	0.078B	1.48	0	0.204	0	0	0	---	---	12
13	---	---	0.127B	0.075B	1.39	0	0.116	0	0	0	---	---	13
14	---	---	0.207B	0.072B	1.07	0	0.072	0	0	0	---	---	14
15	---	---	0.943B	0.069B	0.798	0	0.044	0	0	0	---	---	15
16	---	---	1.03 B	0.066B	0.562	0	0.028	0	0	0	---	---	16
17	---	---	0.851B	0.065	0.406	0	0.045	0	0	0	---	---	17
18	---	---	0.577B	0.074	0.284	0	0.049	0	0	0	---	---	18
19	---	---	0.445B	0.067	0.201	0.087	0.035	0	0	0	---	---	19
20	---	---	0.387B	0.071	0.137	1.80	0.020	0	0	0	---	---	20
21	---	---	0.432B	0.061	0.403	0.459	0.012	0	0	0	---	---	21
22	---	---	0.531B	0.052	0.136	0.204	0.014	0	0	0	---	---	22
23	---	---	0.287B	0.069	0.077	0.096	0.057	0	0	0	---	---	23
24	---	---	0.310B	0.076	0.084	0.046	0.044	0	0	0	---	---	24
25	---	---	0.255B	0.096	0.044	0.037	0.032	0	0	0	---	---	25
26	---	---	0.279B	0.084	0.013	0.031	0.020	0	0	0	---	---	26
27	---	---	0.247B	0.076	0.009	0.020	0.011	0	0	0	---	---	27
28	---	---	0.324B	0.064	0.007	0.012	0.022	0	0	0	---	---	28
29	---		0.349	0.051	0.006	0.004	0.045	0	0	0	---	---	29
30	---		0.283	0.055	0.005	0.003	0.030	0	0	0	---	---	30
31	---		0.260		0.003		0.019	0		0		---	31
TOTAL	---	---	15.464	2.846	18.022	2.839	1.910	0.136	0	0.006	---	---	TOTAL
MEAN	---	---	0.499	0.095	0.581	0.095	0.062	0.004	0	0	---	---	MEAN
MAX	---	---	2.26	0.230	2.22	1.80	0.225	0.032	0	0.002	---	---	MAX
MIN	---	---	0.081	0.051	0.003	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS MAR TO OCT

MEAN, 0.168
MAXIMUM DAILY, 2.26B ON MAR 3
MINIMUM DAILY, 0 ON JUN 1
MAXIMUM INSTANTANEOUS,
3.57 AT 03:28 CST ON JUN 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 03 N
LONG 101 50 52 W
DRAINAGE AREA, 349 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	155
FEB	---	AUG	11.8
MAR	1 340	SEP	0
APR	246	OCT	0.52
MAY	1 560	NOV	---
JUN	245	DEC	---

TOTAL DISCHARGE, 3 570 dam³

REMARKS - NO FLOW OCCURRED BEFORE MAR 0

ARCOLA INDEX RESERVOIR - STATION NO. 05NC005

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	29.170A	30.686	30.610	30.544	30.392	30.295	30.085	30.042	29.987	---	1
2	---	---	29.385	30.682	30.605	30.539	30.387	30.288	30.080	30.044	29.984	---	2
3	---	---	29.534	30.680	30.601	30.545	30.381	30.280	30.084	30.042	29.984A	---	3
4	---	---	29.651	30.678	30.598	30.537	30.377	30.273	30.077	30.040	---	---	4
5	---	---	29.991	30.677	30.611	30.528	30.410	30.267	30.070	30.038	---	---	5
6	---	---	30.035	30.675	30.634	30.523	30.406	30.273	30.063	30.034	---	---	6
7	---	---	30.034	30.671	30.634	30.518	30.399	30.251	30.057	30.032	---	---	7
8	---	---	30.032	30.666	30.633	30.508	30.393	30.273	30.060	30.030	---	---	8
9	---	---	30.032	30.662	30.643	30.506	30.387	30.265	30.045	30.027	---	---	9
10	---	---	30.028	30.658	30.649	30.503	30.384	30.257	30.044	30.025	---	---	10
11	---	---	30.031	30.653	30.649	30.496	30.380	30.250	30.045	30.019	---	---	11
12	---	---	30.036	30.647	30.649	30.485	30.381	30.243	30.048	30.016	---	---	12
13	---	---	30.044	30.648	30.647	30.476	30.381	30.238	30.042	30.014	---	---	13
14	---	---	30.086	30.648	30.646	30.468	30.384	30.230	30.039	30.011	---	---	14
15	---	---	30.191	30.645	30.642	30.457	30.378	30.222	30.038	30.008	---	---	15
16	---	---	30.388A	30.643	30.637	30.466	30.371	30.214	30.033	30.005	---	---	16
17	---	---	30.457A	30.642	30.635	29.460	30.372	30.206	30.034	30.004	---	---	17
18	---	---	30.505	30.642	30.631	30.452	30.368	30.197	30.030	30.001	---	---	18
19	---	---	30.534A	30.641	30.628	30.483	30.361	30.189	30.032	29.997	---	---	19
20	---	---	30.572E	30.638	30.625	30.465	30.354	30.178	30.035	29.994	---	---	20
21	---	---	30.607E	30.635	30.618	30.480	30.347	30.170	30.038	29.991	---	---	21
22	---	---	30.635A	30.633	30.608	30.454	30.340	30.162	30.038	29.989	---	---	22
23	---	---	30.659E	30.635	30.603	30.444	30.330	30.154	30.037	29.986	---	---	23
24	---	28.805A	30.678E	30.633	30.598	30.437	30.323	30.147	30.032	29.983	---	---	24
25	---	28.820	30.684E	30.628	30.593	30.430	30.317	30.141	30.051	29.980	---	---	25
26	---	28.810	30.706A	30.624	30.588	30.423	30.315	30.137	30.068	29.977	---	---	26
27	---	29.080A	30.706	30.622	30.582	30.413	30.314	30.130	30.064	29.974	---	---	27
28	---	28.116	30.704	30.620	30.576	30.405	30.326	30.124	30.062	29.972	---	---	28
29	---		30.700	30.617	30.569	30.384	30.321	30.117	30.048	29.971	---	---	29
30	---		30.695	30.614	30.562	30.394	30.310	30.111	30.045	29.970	---	---	30
31	---		30.692		30.553		30.301	30.103		29.972		---	31
MEAN	---	---	30.270	30.648	30.615	30.473	30.362	30.207	30.050	30.006	---	---	MEAN
MAX	---	---	30.706	30.686	30.649	30.545	30.410	30.295	30.085	30.044	---	---	MAX
MIN	---	---	29.170	30.614	30.553	30.394	30.301	30.103	30.030	29.970	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 08 N
LONG 102 34 08 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

MAXIMUM DAILY, 30.706A ON MAR 26

MAXIMUM INSTANTANEOUS,
30.708 AT 11:00 CST ON MAR 26

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

ARM RIVER NEAR BETHUNE - STATION NO. 05JH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	2.12 B	0.4088	0.247	0.054	0	0	0	0	---	---	1
2	---	0 B	4.19 B	0.4268	0.288	0.079	0	0	0	0	---	---	2
3	---	0 B	4.56 B	0.3918	0.255	0.012	0	0	0	0	---	---	3
4	---	0 B	4.00 B	0.5278	0.209	0.013	0	0	0	0	---	---	4
5	---	0 B	2.85 B	0.5738	0.367	0.014	0	0	0	0	---	---	5
6	---	0 B	1.80 B	0.5808	0.645	0.009	0	0	0	0	---	---	6
7	---	0 B	0.852B	0.6028	0.624	0.009	0	0	0	0	---	---	7
8	---	0 B	0.748B	0.678	0.603	0.013	0	0	0	0	---	---	8
9	---	0 B	0.524B	0.663	0.629	0.009	0	0	0	0	---	---	9
10	---	0 B	0.361B	0.600	0.785	0.010	0	0	0	0	---	---	10
11	---	0 B	0.269B	0.517	0.738	0.006	0	0	0	0	---	---	11
12	---	0 B	0.187B	0.490	0.605	0.004	0	0	0	0	---	---	12
13	---	0 B	0.161B	0.4708	0.623	0.007	0	0	0	0	---	---	13
14	---	0 B	0.233B	0.4458	0.592	0.009	0	0	0	0	---	---	14
15	---	0 B	0.332B	0.4388	0.494	0.008	0	0	0	0	---	---	15
16	---	0 B	0.362B	0.467	0.370	0.011	0	0	0	0	---	---	16
17	---	0 B	0.353B	0.409	0.803	0.008	0	0	0	0	---	---	17
18	---	0 B	0.586B	0.358	0.571	0.007	0	0	0	0	---	---	18
19	---	0 B	1.36 B	0.283	0.529	0.001	0	0	0	0	---	---	19
20	---	0 B	1.45 B	0.303	0.537	0	0	0	0	0	---	---	20
21	---	0 B	1.43 B	0.332	0.727	0	0	0	0	0	---	---	21
22	---	0 B	1.08 B	0.292	0.641	0	0	0	0	0	---	---	22
23	---	0 B	0.856B	0.236	0.478	0	0	0	0	0	---	---	23
24	---	0 B	0.942B	0.290	0.428	0	0	0	0	0	---	---	24
25	---	0.0058	0.833B	0.360	0.394	0	0	0	0	0	---	---	25
26	---	0.0608	0.712B	0.330	0.341	0	0	0	0	0	---	---	26
27	---	0.5858	0.845B	0.303	0.279	0	0	0	0	0	---	---	27
28	---	1.92 B	0.782B	0.275	0.201	0	0	0	0	0	---	---	28
29	---		0.731B	0.232	0.138	0	0	0	0	0	---	---	29
30	---		0.577B	0.213	0.115	0	0	0	0	0	---	---	30
31	---		0.362B		0.082		0	0		0		---	31
TOTAL	---	2.570	35.331	12.493	14.121	0.233	0	0	0	0	---	---	TOTAL
MEAN	---	0.092	1.17	0.416	0.456	0.008	0	0	0	0	---	---	MEAN
MAX	---	1.92	4.56	0.678	0.785	0.054	0	0	0	0	---	---	MAX
MIN	---	0	0.161	0.213	0.082	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.241
MAXIMUM DAILY, 4.56B ON MAR 3
MINIMUM DAILY, .08 ON FEB 1
MAXIMUM INSTANTANEOUS,
5.09B AT 20 02 CST ON MAR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 12 N
LONG 105 11 28 W
DRAINAGE AREA, 1 910 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	222	AUG	0
MAR	3 140	SEP	0
APR	1 080	OCT	0
MAY	1 220	NOV	---
JUN	20.1	DEC	---

TOTAL DISCHARGE 5 680 dam³

REMARKS - SOME RUNOFF OCCURRED IN FEB. OUTSIDE THE STANDARD PERIOD

ASSINIBOINE RIVER AT KAMSACK - STATION NO. 05MD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.374B	0.477B	0.400B	48.1B	17.9	5.41	1.84	1.53	0.078	0.123	0.279	0.553B	1
2	0.381B	0.464B	0.397B	56.4B	16.6	5.12	1.75	1.55	0.082	0.121	0.290	0.563B	2
3	0.391B	0.459B	0.402B	62.7B	15.6	4.78	1.73	1.46	0.088	0.124	0.282	0.569B	3
4	0.384B	0.448B	0.396B	71.4B	14.9	4.50	1.69	1.37	0.086	0.128	0.310	0.583B	4
5	0.372B	0.437B	0.396B	83.0B	14.3	4.55	2.05	1.83	0.051	0.126	0.311B	0.571B	5
6	0.366B	0.460B	0.392B	106.B	13.9	4.63	2.00	1.30	0.036	0.132	0.320B	0.566B	6
7	0.354B	0.456B	0.377B	114.	13.6	4.51	1.98	1.14	0.025	0.150	0.329B	0.551B	7
8	0.367B	0.436B	0.472B	98.9	13.6	4.61	2.15	1.01	0.021	0.142	0.332B	0.520B	8
9	0.371B	0.416B	0.492B	91.8	13.5	4.72	2.14	0.958	0.020	0.145	0.323B	0.448B	9
10	0.352B	0.416B	0.488B	91.3	13.8	5.23	2.57	0.855	0.030	0.175	0.319B	0.420B	10
11	0.354B	0.453B	0.479B	92.8	13.7	4.99	2.85	0.758	0.046	0.164	0.302B	0.417B	11
12	0.332B	0.444B	0.485B	88.8	13.7	4.93	2.84	0.708	0.050	0.167	0.316B	0.411B	12
13	0.311B	0.445B	0.495B	83.4	14.0	4.59	2.80	0.683	0.049	0.166	0.320B	0.413B	13
14	0.308B	0.435B	0.491B	76.3	13.9	4.33	2.68	0.628	0.040	0.165	0.324B	0.406B	14
15	0.317B	0.421B	0.496B	73.8	13.5	4.08	2.80	0.599	0.038	0.148	0.331B	0.407B	15
16	0.348B	0.429B	0.530B	67.7	13.5	3.72	2.92	0.561	0.040	0.135	0.400B	0.409B	16
17	0.348B	0.471B	0.492B	62.5	13.1	3.49	2.94	0.528	0.039	0.153	0.425B	0.398B	17
18	0.355B	0.433B	0.467B	57.4	12.8	3.48	2.69	0.478	0.043	0.183	0.430B	0.410B	18
19	0.378B	0.345B	0.451B	52.5	12.7	3.27	2.33	0.448	0.047	0.199	0.442B	0.398B	19
20	0.370B	0.330B	0.452B	47.7	12.5	3.21	2.18	0.388	0.055	0.214	0.464B	0.393B	20
21	0.356B	0.402B	0.501B	42.8	11.9	2.88	1.98	0.346	0.083	0.222	0.482B	0.400B	21
22	0.338B	0.442B	0.654B	38.7	11.3	2.67	1.83	0.319	0.111	0.222	0.488B	0.406B	22
23	0.350B	0.431B	0.769B	35.4	10.9	2.52	2.65	0.302	0.104	0.216	0.492B	0.394B	23
24	0.419B	0.427B	0.636B	32.4	9.84	2.39	3.00	0.289	0.085	0.220	0.508B	0.398B	24
25	0.411B	0.430B	0.528B	29.1	8.92	2.28	2.54	0.268	0.078	0.[illegible]	0.522B	0.393B	25
26	0.380B	0.413B	0.617B	26.2	8.23	2.33	2.33	0.246	0.082	0.229	0.537B	0.391B	26
27	0.412B	0.402B	0.631B	23.8	7.73	2.32	2.08	0.209	0.076	0.210	0.531B	0.392B	27
28	0.450B	0.398B	0.779B	21.5	7.20	2.16	1.90	0.156	0.078	0.223	0.534B	0.381B	28
29	0.443B		0.11 B	19.7	6.84	1.99	1.77	0.142	0.090	0.224	0.544B	0.388B	29
30	0.436B		9.88 B	18.5	6.63	1.87	1.69	0.126	0.134	0.240	0.555B	0.398B	30
31	0.443B		30.3 B		5.98		1.69	0.098		0.274		0.398B	31
TOTAL	11.572	12.020	60.555	1 816.6	376.47	111.76	70.48	21.383	1.815	5.562	12.052	13.746	TOTAL
MEAN	0.373	0.429	1.95	60.6	12.1	3.73	2.27	0.690	0.061	0.179	0.402	0.443	MEAN
MAX	0.450	0.477	30.3	114.	17.9	5.41	3.00	1.83	0.134	0.274	0.555	0.583	MAX
MIN	0.308	0.330	0.377	18.5	5.98	1.87	1.69	0.098	0.020	0.121	0.279	0.381	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.89
MAXIMUM DAILY, 114 ON APR 7
MINIMUM DAILY, 0.020 ON SEP 8
MAXIMUM INSTANTANEOUS,
120 AT 23:41 CST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 53 N
LONG 101 54 58 W
DRAINAGE AREA, 12 900 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 000	JUL	5 090
FEB	1 040	AUG	1 850
MAR	5 230	SEP	157
APR	157 000	OCT	481
MAY	32 500	NOV	1 040
JUN	9 660	DEC	1 190

TOTAL DISCHARGE, 217 000 dam³

ASSINIBOINE RIVER AT STURGIS - STATION NO. 05MC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.125B	8.11B	3.05	1.01	0.050	0.105	0.004E	0.050	0.210B	---	1
2	---	---	0.130B	10.4 B	2.86	0.927	0.049	0.096	0.004E	0.049	0.210B	---	2
3	---	---	0.135B	11.8 B	2.69	0.734	0.050	0.086	0.004E	0.049	0.210B	---	3
4	---	---	0.140B	15.4 B	2.51	0.678	0.046	0.074	0.004E	0.050	0.213B	---	4
5	---	---	0.145B	17.4 B	2.39	0.740	0.075	0.066	0.004E	0.053	---	---	5
6	---	---	0.145B	22.8 B	2.30	0.960	0.317	0.062	0.004E	0.055	---	---	6
7	---	---	0.130B	32.0 B	2.14	0.888	0.212	0.060	0.004E	0.059	---	---	7
8	---	---	0.120B	33.9	2.04	0.688	0.341	0.050	0.004E	0.062	---	---	8
9	---	---	0.125B	31.8	2.13	0.820	0.187	0.042	0.004E	0.064	---	---	9
10	---	---	0.138B	28.4	2.51	0.915	0.417	0.035	0.004E	0.069	---	---	10
11	---	---	0.140B	25.0	2.55	0.758	0.555	0.027	0.004E	0.074	---	---	11
12	---	---	0.150B	20.1 B	2.56	0.652	0.557	0.023	0.004E	0.077	---	---	12
13	---	---	0.160B	17.6 B	2.47	0.575	0.352	0.019	0.004E	0.082	---	---	13
14	---	---	0.170B	15.2 B	2.44	0.426	0.387	0.014	0.004E	0.087	---	---	14
15	---	---	0.180B	13.2 B	2.63	0.282	0.321	0.010	0.004E	0.091	---	---	15
16	---	---	0.190B	12.0 B	2.81	0.281	0.190	0.009	0.004E	0.095	---	---	16
17	---	---	0.200B	10.8	2.76	0.346	0.185	0.004A	0.004E	0.100	---	---	17
18	---	---	0.220B	9.82	2.60	0.405	1.92	0.004E	0.004E	0.103	---	---	18
19	---	---	0.258B	8.68	2.62	0.362	2.29	0.004E	0.004E	0.106	---	---	19
20	---	---	0.275B	7.76	2.80	0.310	1.97	0.003E	0.004E	0.110	---	---	20
21	---	---	0.300B	6.96	2.50	0.212	1.50	0.004E	0.004E	0.112	---	---	21
22	---	---	0.350B	6.29	2.32	0.186	1.18	0.004E	0.006E	0.116	---	---	22
23	---	---	0.400B	5.85	2.19	0.148	1.06	0.004E	0.008E	0.121	---	---	23
24	---	---	0.500B	5.37	2.05	0.118	0.943	0.004E	0.010E	0.138	---	---	24
25	---	---	0.700B	4.92	1.91	0.109	0.721	0.004E	0.012E	0.162	---	---	25
26	---	---	0.900B	4.48	1.80	0.100	0.552	0.004E	0.016A	0.250	---	---	26
27	---	0.116B	1.10 B	4.10	1.80	0.091	0.273	0.004E	0.025	0.481	---	---	27
28	---	0.120B	1.50 B	3.72	1.39	0.082	0.217	0.004E	0.035	0.215	---	---	28
29	---	---	1.90 B	3.30	1.22	0.073	0.158	0.001E	0.040	0.158	---	---	29
30	---	---	2.50 B	3.14	1.12	0.062	0.121	0.004E	0.045	0.155B	---	---	30
31	---	---	5.00 B		1.08		0.113	0.004E		0.210B	---	---	31
TOTAL	---	---	18.423	400.30	69.85	13.736	17.315	0.838	0.281	3.605	---	---	TOTAL
MEAN	---	---	0.594	13.3	2.25	0.458	0.559	0.027	0.009	0.116	---	---	MEAN
MAX	---	---	5.00	33.9	3.05	1.01	2.29	0.105	0.045	0.481	---	---	MAX
MIN	---	---	0.120	3.14	1.08	0.062	0.046	0.004	0.004	0.049	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.14
MAXIMUM DAILY, 33.9 ON APR 8
MINIMUM DAILY, 0.004A ON AUG 17
MAXIMUM INSTANTANEOUS,
37.3 AT 02 15 CST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 56 23 N
LONG 102 32 49 W
DRAINAGE AREA, 1 930 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 500
FEB	---	AUG	72 4
MAR	1 590	SEP	24 3
APR	34 600	OCT	311
MAY	6 040	NOV	---
JUN	1 190	DEC	---

TOTAL DISCHARGE, 45 300 dam³

AVONLEA CREEK NEAR ROULEAU - STATION NO. 05JE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	4.69 B	0.001	0.033	0.090	0.087	0.057	0	0.002	0.001	---	1
2	---	0 B	5.11 B	0.001	0.031	0.086	0.067	0.018	0	0.002	0.051	---	2
3	---	0 B	5.08 B	0.001	0.032	0.075	0.027	0.027	0	0.002	0.001	---	3
4	---	0 B	5.48 B	0.001	0.044	0.078	0.019	0.079	0	0.002	0.001	---	4
5	---	0 B	4.69 B	0.001	0.304	0.083	0.034	0.082	0	0.002	0.001	---	5
6	---	0 B	3.60 B	0.001	0.592	0.073	0.019	0.113	0	0.002	0.001	---	6
7	---	0 B	2.94 B	0.001	0.721	0.058	0.008	0.123	0	0.002	0.001	---	7
8	---	0 B	2.44 B	0.001	0.369	0.118	0.003	0.117	0	0.002	0.001B	---	8
9	---	0 B	1.30 B	0.001	0.672	0.145	0.077	0.101	0	0.002	0.001B	---	9
10	---	0 B	0.529B	0.001	1.75	0.092	0.081	0.065	0	0.002	0.001B	---	10
11	---	0 B	0.376B	0.001	4.33	0.084	0.049	0.028	0	0.002	---	---	11
12	---	0 B	0.290B	0.001	5.59	0.077	0.053	0.025	0	0.001	---	---	12
13	---	0 B	0.435B	0.001	4.29	0.069	0.068	0.010	0	0.001	---	---	13
14	---	0 B	1.03 B	0.001	2.78	0.052	0.053	0.005	0	0.001	---	---	14
15	---	0 B	0.966B	0.001	1.70	0.038	0.035	0.020	0	0.001	---	---	15
16	---	0 B	0.603B	0.001	0.972	0.017	0.016	0.064	0	0.001	---	---	16
17	---	0 B	0.546B	0.001	0.679	0.007	0.009	0.067	0	0.001	---	---	17
18	---	0 B	0.433B	0.001	0.509	0.002	0.006	0.028	0	0.001	---	---	18
19	---	0 B	0.431B	0.001	0.374	0.072	0.020	0.030	0	0.001	---	---	19
20	---	0 B	0.323B	0.001	0.277	0.086	0.032	0.103	0.002	0.001	---	---	20
21	---	0 B	0.234B	0.001	0.238	0.080	0.031	0.080	0.021	0.001	---	---	21
22	---	0 B	0.123B	0.001	0.316	0.076	0.017	0.073	0.007	0.001	---	---	22
23	---	0 B	0.078B	0.001	0.174	0.084	0.036	0.018	0	0.001	---	---	23
24	---	0 B	0.080B	0.001	0.109	0.109	0.083	0.007	0	0.001	---	---	24
25	---	0.100B	0.045B	0.003	0.117	0.092	0.059	0.002	0.009	0.001	---	---	25
26	---	1.35 B	0.046B	0.006	0.133	0.065	0.086	0.002	0.061	0.001	---	---	26
27	---	0.383B	0.002	0.014	0.129	0.054	0.112	0	0.042	0.001	---	---	27
28	---	0.391B	0.001	0.020	0.159	0.040	0.128	0	0.023	0.001	---	---	28
29	---		0.001	0.023	0.076	0.068	0.112	0	0.015	0.001	---	---	29
30	---		0.001	0.027	0.077	0.089	0.108	0	0.010	0.001	---	---	30
31	---		0.001		0.078		0.088	0		0.001	---	---	31
TOTAL	---	2.224	44.101	0.117	27.655	2.116	1.655	1.344	0.194	0.042	---	---	TOTAL
MEAN	---	0.079	1.42	0.004	0.892	0.071	0.053	0.043	0.006	0.001	---	---	MEAN
MAX	---	1.35	5.11	0.027	5.59	0.145	0.128	0.123	0.061	0.002	---	---	MAX
MIN	---	0	0.001	0.001	0.031	0.002	0.003	0	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.291
MAXIMUM DAILY, 5.11B ON MAR 2
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
7.47B AT 16 59 CST ON MAR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 50 N
LONG 104 59 27 W
DRAINAGE AREA, 863 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	143
FEB	192	AUG	116
MAR	3 810	SEP	16 8
APR	10 1	OCT	3.63
MAY	2 390	NOV	---
JUN	183	DEC	---

TOTAL DISCHARGE, 6 860 dam³

AVONLEA INDEX RESERVOIR - STATION NO. 05JE010

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
										27.156			
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	27.712	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	27.070	---	10
11	---	---	---	---	---	27.896	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	28.025	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	27.781	---	---	---	---	---	27.234	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	27.810E	---	---	---	---	---	---	---	---	---	---	29
30	---	---	---	---	---	---	---	---	---	---	---	---	30
31	---	---	---	---	---	---	---	---	27.155E	---	---	---	31
			---	28.010E	---	27.770E	---	---		27.085E			
			28.065E		27.955E		27.530E	27.180E					
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 55 50 N
LONG 105 06 30 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

AVONLEA RESERVOIR NEAR AVONLEA - STATION NO. 05JE007

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	597.805	597.530	597.464	597.504	597.200	596.914	596.596	596.562	596.528	---	1
2	---	---	597.825	597.518	597.465	597.493	597.209	596.912	596.594	596.556	596.530	---	2
3	---	---	597.827	597.512	597.446	597.488	597.202	596.908	596.583	596.556	596.532	---	3
4	---	---	597.804	597.514	597.440	597.487	597.197	596.895	596.573	596.552	596.537	---	4
5	---	---	597.780	597.515	597.450	597.476	597.181	596.879	596.569	596.555	596.537	---	5
6	---	---	597.699	597.515	597.486	597.457	597.186	596.853	596.564	596.560	596.536	---	6
7	---	---	597.658	597.513	597.505	597.456	597.194	596.840	596.562	596.555	596.535	---	7
8	---	---	597.634	597.515	597.512	597.441	597.180	596.829	596.561	596.553	596.522	---	8
9	---	---	597.610	597.513	597.530	597.427	597.162	596.807	596.554	596.555	596.518	---	9
10	---	---	597.598	597.508	597.693	597.424	597.149	596.806	596.542	596.541	596.517A	---	10
11	---	---	597.587	597.482	597.829	597.410	597.140	596.802	596.539	596.543	---	---	11
12	---	---	597.587	597.477	597.809	597.380	597.133	596.797	596.529	596.545	---	---	12
13	---	---	597.613	597.474	597.739	597.374	597.136	596.782	596.528	596.547	---	---	13
14	---	---	597.631	597.471	597.674	597.363	597.135	596.771	596.528	596.548	---	---	14
15	---	---	597.634	597.478	597.622	597.356	597.133	596.753	596.531	596.547	---	---	15
16	---	---	597.626	597.476	597.588	597.361	597.129	596.734	596.535	596.553	---	---	16
17	---	---	597.611	597.479	597.567	597.360	597.116	596.726	596.533	596.553	---	---	17
18	---	---	597.597	597.481	597.583	597.354	597.098	596.718	596.530	596.552	---	---	18
19	---	---	597.584	597.474	597.578	597.336	597.082	596.699	596.534	596.551	---	---	19
20	---	---	597.576	597.477	597.568	597.325	597.073	596.674	596.542	596.552	---	---	20
21	---	---	597.572	597.482	597.562	597.308	597.064	596.683	596.554	596.552	---	---	21
22	---	---	597.558	597.486	597.541	597.297	597.055	596.653	596.555	596.546	---	---	22
23	---	---	597.554	597.466	597.542	597.284	597.026	596.653	596.559	596.547	---	---	23
24	---	---	597.550	597.472	597.547	597.272	597.018	596.647	596.563	596.548	---	---	24
25	---	---	597.529	597.470	597.551	597.253	597.007	596.631	596.570	596.548	---	---	25
26	---	596.880A	597.534	597.460	597.550	597.232	596.989	596.623	596.574	596.547	---	---	26
27	---	597.328	597.537	597.456	597.543	597.219	596.975	596.624	596.570	596.544	---	---	27
28	---	597.873	597.542	597.456	597.534	597.210	596.969	596.622	596.571	596.538	---	---	28
29	---		597.529	597.453	597.528	597.198	596.955	596.622	596.565	596.538	---	---	29
30	---		597.533	597.445	597.526	597.198	596.926	596.618	596.562	596.533	---	---	30
31	---		597.524		597.511		596.920	596.603		596.523			31
MEAN	---	---	597.620	597.486	597.563	597.358	597.085	596.744	596.556	596.548	---	---	MEAN
MAX	---	---	597.827	597.530	597.829	597.504	597.209	596.914	596.596	596.562	---	---	MAX
MIN	---	---	597.524	597.445	597.440	597.198	596.920	596.603	596.528	596.523	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 10 N
LONG 105 00 23 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS IN METRES

MAXIMUM DAILY, 597.829 ON MAY 11

MAXIMUM INSTANTANEOUS,
597.849 AT 18:27 CST ON MAY 11

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BALLANTYNE RIVER ABOVE BALLANTYNE BAY - STATION NO. 05KF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.905B	1.59B	1.35B	4.87B	8.32	17.2	5.86	17.8	3.35	10.1	5.55B	2.54B	1
2	1.09 B	1.59B	1.41B	4.41B	8.20	16.5	5.67	17.3	3.27	9.81	5.86B	2.55B	2
3	1.11 B	1.71B	1.40B	4.26B	9.11	15.5	5.80	16.0	3.26	9.39	5.92B	2.68B	3
4	0.832B	1.95B	1.47B	4.34B	11.2	14.5	5.50	14.6	3.29	9.01	5.72B	2.51B	4
5	0.953B	1.91B	1.45B	4.37B	13.4	13.6	5.42	14.0	3.31	8.88	5.67B	2.42B	5
6	1.01 B	1.90B	1.64B	4.92B	14.3	12.9	5.76	13.1	3.34	8.12	4.61B	2.36B	6
7	1.13 B	1.68B	1.31B	4.67B	14.6	12.2	5.88	14.4	3.30	12.1	4.37B	2.40B	7
8	1.17 B	1.78B	1.14B	4.06B	14.2	11.6	5.82	13.2	3.19	14.5	4.38B	2.39B	8
9	1.08 B	1.76B	1.17B	4.38B	13.8	11.0	5.34	13.3	3.06	14.2	4.50B	2.21B	9
10	0.880B	1.72B	1.40B	3.86B	16.5	10.9	5.92	13.8	3.03	13.8	4.43B	2.26B	10
11	0.957B	1.62B	1.60B	3.70B	23.5	10.6	5.58	13.2	3.11	13.3	4.05B	2.27B	11
12	1.13 B	1.62B	1.90B	3.11B	40.8	11.7	5.73	11.9	3.21	12.4	3.73B	2.26B	12
13	1.17 B	1.62B	2.70B	3.39B	56.0	13.6	5.91	10.6	3.27	11.7	3.08B	2.25B	13
14	1.23 B	1.68B	2.60B	3.18B	56.1	14.2	5.85	9.53	3.24	11.1	2.49B	2.21B	14
15	1.18 B	1.63B	3.11B	3.05B	60.6	13.9	6.36	9.25	3.17	10.6	2.14B	2.16B	15
16	1.22 B	1.65B	2.86B	3.40B	65.8	13.2	6.73	8.79	3.16	10.2	2.38B	2.17B	16
17	1.20 B	1.56B	2.54B	4.26B	64.8	12.3	6.97	8.07	3.38	9.79	2.11B	2.20B	17
18	1.22 B	1.55B	2.49B	5.93B	58.8	11.6 A	6.32	7.38	3.73	9.42	1.94B	2.28B	18
19	1.25 B	1.72B	2.81B	6.65B	52.8	11.3 E	6.66	6.80	3.83	9.01	1.92B	2.30B	19
20	1.40 B	1.65B	3.36B	6.83B	46.0	11.0 E	6.52	6.25	3.79	8.83	1.93B	2.27B	20
21	1.34 B	1.16B	3.50B	7.00B	43.8	10.7 E	6.42	5.80	3.74	8.31	2.01B	2.24B	21
22	1.46 B	1.13B	3.43B	7.62B	40.0	10.4 E	7.81	5.45	3.78	7.94	2.12B	2.23B	22
23	1.35 B	1.62B	3.51B	7.49B	36.3	10.1 E	7.27	5.20	3.82	7.65	2.26B	2.26B	23
24	1.31 B	1.58B	3.58B	8.45B	32.9	9.79E	6.83	4.89	3.84	7.42	2.35B	2.31B	24
25	1.49 B	1.41B	3.47B	8.48B	29.9	9.45A	6.41	4.58	3.89	7.25	2.41B	2.30B	25
26	1.57 B	1.38B	3.55B	8.51B	27.5	9.33	6.17	4.32	3.99	7.10	2.50B	2.28B	26
27	1.51 B	1.39B	3.99B	8.27B	26.3	9.18	5.90	4.04	7.06	6.99	2.66B	2.27B	27
28	1.47 B	1.32B	3.98B	10.5 B	23.1	8.81	6.37	3.86	9.50	6.92	2.67B	2.24B	28
29	1.41 B		3.80B	10.5 B	21.1	7.86	7.94	3.74	10.1	6.85	2.65B	2.24B	29
30	1.47 B		4.11B	9.37	19.4	7.39	9.83	3.67	10.2	5.84	2.56B	2.26B	30
31	1.48 B		4.61B		18.0		15.9	3.47		5.13B		2.27B	31
TOTAL	38.197	45.08	81.26	173.85	988.13	352.13	223.37	290.19	126.01	294.26	99.99	71.51	TOTAL
MEAN	1.23	1.61	2.62	5.80	31.2	11.7	7.21	9.36	4.20	9.49	3.33	2.31	MEAN
MAX	1.57	1.95	4.61	10.5	65.8	17.2	15.9	17.8	10.2	14.5	5.92	2.58	MAX
MIN	0.905	1.13	1.14	3.05	8.20	7.39	5.58	3.47	3.03	5.13	1.92	2.16	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.57
MAXIMUM DAILY, 65.8 ON MAY 18
MINIMUM DAILY, 0.905B ON JAN 1
MAXIMUM INSTANTANEOUS,
57.4 AT 19:40 CST ON MAY 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 33 40 N
LONG 107 56 30 W
DRAINAGE AREA 1 870 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 300	JUL	19 300
FEB	3 880	AUG	25 100
MAR	7 020	SEP	10 900
APR	15 000	OCT	25 400
MAY	83 600	NOV	8 640
JUN	30 400	DEC	6 180

TOTAL DISCHARGE, 239 000 dam³

BARRIER RIVER BELOW BARRIER LAKE - STATION NO. 05LA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.008B	0.800B	2.54	0.438	0.025	0.043	0	0	0B	---	1
2	---	---	0.008B	0.972B	2.36	0.393	0.025	0.051	0	0	0B	---	2
3	---	---	0.008B	1.23 B	2.21	0.347	0.027	0.050	0	0	0B	---	3
4	---	---	0.008B	2.96 B	2.29	0.229	0.035	0.048	0	0	0B	---	4
5	---	---	0.008B	4.96 B	2.15	0.171	0.035	0.048	0	0	0B	---	5
6	---	---	0.008B	5.09 B	2.12	0.234	0.039	0.064	0	0	---	---	6
7	---	---	0.008B	5.55	1.94	0.224	0.021	0.066	0	0	---	---	7
8	---	---	0.008B	6.54	1.81	0.121	0.017	0.066	0	0	---	---	8
9	---	---	0.008B	7.58	1.83	0.132	0.018	0.085	0	0	---	---	9
10	---	---	0.008B	8.71	2.16	0.110	0.018	0.078	0	0	---	---	10
11	---	---	0.008B	9.36	2.07	0.040	0.019	0.078	0	0	---	---	11
12	---	---	0.008B	8.83	2.28	0.100	0.022	0.070	0	0	---	---	12
13	---	---	0.008B	8.60	2.08	0.003	0.018	0.067	0	0	---	---	13
14	---	---	0.008B	7.93	2.16	0.001	0.032	0.065	0	0	---	---	14
15	---	---	0.008B	7.13	2.16	0.001	0.033	0.060	0	0	---	---	15
16	---	---	0.008B	6.33	2.32	0.002	0.025	0.056	0	0	---	---	16
17	---	---	0.008B	6.02	2.05	0.001	0.031	0.048	0	0	---	---	17
18	---	---	0.008B	5.68	1.80 A	0.001	0.059	0.027	0	0	---	---	18
19	---	---	0.008B	5.38	1.70 E	0.001	0.024	0.018	0	0	---	---	19
20	---	---	0.008B	4.70	1.50 E	0.004	0.011	0.017	0	0	---	---	20
21	---	---	0.020B	4.27	1.30 E	0.006	0.013	0.018	0	0	---	---	21
22	---	---	0.040B	4.02	1.15 A	0.003	0.017	0.011	0	0	---	---	22
23	---	---	0.070B	3.88	1.40	0.007	0.024	0.008	0	0	---	---	23
24	---	---	0.100B	3.89	1.35	0.016	0.025	0.007	0	0	---	---	24
25	---	---	0.150B	3.41	1.25	0.023	0.006	0.008	0	0	---	---	25
26	---	---	0.234B	3.17	1.15	0.023	0.004	0.005	0	0	---	---	26
27	---	---	0.280B	2.88	1.05	0.024	0.006	0.003	0	0	---	---	27
28	---	---	0.350B	2.91	0.985	0.015	0.015	0.002	0	0	---	---	28
29	---		0.440B	2.75	0.879	0.016	0.021	0.001	0	0	---	---	29
30	---		0.540B	2.58	0.701	0.026	0.028	0.001	0	0	---	---	30
31	---		0.660B		0.613		0.029	0.001		0B		---	31
TOTAL	---	---	3.044	147.932	53.478	2.712	0.723	1.184	0	0	---	---	TOTAL
MEAN	---	---	0.098	4.93	1.73	0.090	0.023	0.038	0	0	---	---	MEAN
MAX	---	---	0.660	9.36	2.54	0.438	0.059	0.085	0	0	---	---	MAX
MIN	---	---	0.008	0.800	0.613	0.001	0.004	0.001	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.853
MAXIMUM DAILY, 9.36 ON APR 11
MINIMUM DAILY, 0 ON SEP 1
MAXIMUM INSTANTANEOUS,
9.55 AT 10:17 CST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 32 56 N
LONG 103 41 10 W
DRAINAGE AREA, 1 340 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	82.5
FEB	---	AUG	101
MAR	263	SEP	0
APR	12 800	OCT	0
MAY	4 620	NOV	---
JUN	234	DEC	---

TOTAL DISCHARGE, 18 100 dam³

REMARKS - STATION DISCONTINUED AFTER THE 1986 SEASON

BATTLE CREEK AT ALBERTA BOUNDARY - STATION NO 11AB117

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0628	1.94 B	0.562	0.221	0.632	0.256	0.211	0.197	0.712	---	---	1
2	---	0.0628	1.01 B	0.449	0.202	0.599	0.211	0.210	0.193	0.702	---	---	2
3	---	0.0618	0.6658	0.356	0.191	0.575	0.188	0.204	0.199	0.673	---	---	3
4	---	0.0618	0.1788	0.329	0.329	0.544	0.180	0.194	0.240	0.632	---	---	4
5	---	0.0608	0.5218	0.332	1.14	0.536	0.171	0.185	0.311	0.606	---	---	5
6	---	0.0608	0.6678	0.340	0.938	0.546	0.197	0.188	0.324	0.593	---	---	6
7	---	0.0608	0.584	0.325	0.918	0.618	0.215	0.195	0.288	0.541	---	---	7
8	---	0.0598	0.594	0.298	0.787	0.685	0.206	0.197	0.292	0.543	---	---	8
9	---	0.0598	0.542	0.317	0.7[illegible]	0.785	0.189	0.202	0.339	0.545	---	---	9
10	---	0.0588	0.508	0.339	0.876	0.724	0.185	0.207	0.419	0.580	---	---	10
11	---	0.0588	0.404	0.297	0.990	0.623	0.189	0.204	0.322	0.389	---	---	11
12	---	0.0578	0.369	0.247	1.00	0.550	0.178	0.189	0.315	0.369	---	---	12
13	---	0.0578	0.380	0.253	0.846	0.536	0.205	0.182	0.342	0.353	---	---	13
14	---	0.0568	0.603	0.282	0.819	0.521	0.214	0.184	0.365	0.347	---	---	14
15	---	0.0568	0.983	0.308	0.900	0.557	0.166	0.180	0.378	0.378	---	---	15
16	---	0.0558	1.06	0.281	0.835	0.613	0.153	0.175	0.373	0.391	---	---	16
17	---	0.0558	1.07	0.278	1.01	0.573	0.419	0.173	0.600	0.394	---	---	17
18	---	0.0548	0.458	0.248	1.12	0.584	0.454	0.176	0.573	0.382	---	---	18
19	---	0.0548	0.173	0.219	1.29	0.580	0.360	0.168	0.505	0.368	---	---	19
20	---	0.0538	0.152	0.228	1.57	0.482	0.315	0.167	0.622	0.386	---	---	20
21	---	0.0528	0.256	0.246	1.50	0.341	0.293	0.163	0.563	0.369	---	---	21
22	---	0.0518	0.565	0.277	1.44	0.311	0.286	0.164	0.489	0.368	---	---	22
23	---	0.0508	0.419	0.337	1.69	0.295	0.282	0.167	0.488	0.367	---	---	23
24	---	0.3508	0.326	0.380	1.54	0.279	0.286	0.165	0.467	0.384	---	---	24
25	---	1.06 B	0.372	0.367	1.26	0.263	0.250	0.166	4.95	0.357	---	---	25
26	---	5.68 B	0.275	0.376	1.11	0.252	0.217	0.175	3.28	0.358	---	---	26
27	---	2.92 B	0.449	0.348	0.985	0.228	0.206	0.161	1.72	0.359	---	---	27
28	---	1.80 B	0.918	0.304	0.895	0.219	0.207	0.181	1.25	0.349A	---	---	28
29	---		0.940	0.259	0.810	0.208	0.206	0.185	1.01	0.348E	---	---	29
30	---		0.742	0.239	0.748	0.252	0.208	0.171	0.816	0.348E	---	---	30
31	---		0.738		0.687		0.211	0.189		0.347E		---	31
TOTAL	---	12.120	18.852	9.418	29.418	14.471	7.243	5.668	22.330	13.789	---	---	TOTAL
MEAN	---	0.489	0.608	0.314	0.949	0.482	0.234	0.183	0.744	0.445	---	---	MEAN
MAX	---	5.68	1.94	0.562	1.69	0.785	0.454	0.211	4.95	0.712	---	---	MAX
MIN	---	0.050	0.152	0.219	0.191	0.204	0.153	0.161	0.193	0.347	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.492
MAXIMUM DAILY, 5.68B ON FEB 26
MINIMUM DAILY, 0.0508 ON FEB 23
MAXIMUM INSTANTANEOUS,
8.298 AT 02 57 CST ON FEB 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 55 N
LONG 110 00 15 W
DRAINAGE AREA, 111 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	626
FEB	1 130	AUG	490
MAR	1 630	SEP	1 930
APR	814	OCT	1 190
MAY	2 540	NOV	---
JUN	1 250	DEC	---

TOTAL DISCHARGE, 11 600 dam³

REMARKS - SIGNIFICANT RUNOFF INCLUDING THE PEAK DISCHARGE OCCURRED IN FEEB, OUTSIDE THE STANDARD PERIOD

BATTLE CREEK AT INTERNATIONAL BOUNDARY - STATION NO 11AB027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	35.2 B	1.54	0.142	0.961	0.414	0.256	0.044	5.56	---	---	1
2	---	---	21.6 B	1.85	0.136	0.899	0.382	0.239	0.041	5.41	---	---	2
3	---	---	19.4 B	1.84	0.117	1.04	0.295	0.223	0.046	4.55	---	---	3
4	---	---	13.9 B	1.65	0.122	1.00	0.267	0.214	0.064	3.86	---	---	4
5	---	---	11.6 B	1.34	0.163	0.881	0.313	0.205	0.081	3.25	---	---	5
6	---	---	10.0 B	1.22	0.165	1.07	0.356	0.178	0.064	2.70	---	---	6
7	---	---	2.14 B	1.18	0.163	1.13	0.420	0.156	0.073	2.23	---	---	7
8	---	---	2.02 B	0.934	0.164	0.916	0.387	0.140	0.075	1.75	---	---	8
9	---	---	4.04 B	0.613	0.214	1.12	0.367	0.136	0.106	1.41	---	---	9
10	---	---	7.50 B	0.552	0.249	1.15	0.299	0.128	0.154	1.21	---	---	10
11	---	---	5.51 B	0.539	0.331	1.47	0.256	0.128	0.286	0.981	---	---	11
12	---	---	2.47 B	0.740	0.527	1.78	0.226	0.117	0.256	0.812	---	---	12
13	---	---	1.87 B	0.693	0.442	1.62	0.208	0.115	0.252	0.701	---	---	13
14	---	---	1.29 B	0.558	0.263	1.18	0.208	0.099	0.263	0.708	---	---	14
15	---	---	1.30 B	0.649	0.233	0.971	0.279	0.090	0.286	0.641	---	---	15
16	---	---	2.58 B	0.634	0.205	0.961	0.248	0.087	0.286	0.579	---	---	16
17	---	---	1.65 B	0.454	0.183	1.07	0.308	0.090	0.358	0.527	---	---	17
18	---	---	0.855	0.387	0.173	1.05	0.263	0.085	0.460	0.485	---	---	18
19	---	---	0.724	0.331	0.165	0.934	0.223	0.081	0.552	0.454	---	---	19
20	---	---	0.771	0.308	0.158	1.01	1.02	0.074	0.634	0.448	---	---	20
21	---	---	0.732	0.271	0.138	1.12	1.35	0.068	0.821	0.414	---	---	21
22	---	---	1.09	0.236	0.211	1.12	0.716	0.066	0.787	0.685	---	---	22
23	---	---	1.12	0.220	0.501	1.11	0.520	0.080	0.848	1.18	---	---	23
24	---	---	1.16	0.211	0.583	0.934	0.420	0.081	0.785	1.17	---	---	24
25	---	0.8908	1.37	0.197	1.87	0.841	0.318	0.064	117	1.16	---	---	25
26	---	2.23 B	1.53	0.191	1.87	0.454	0.271	0.063	84.9	1.17	---	---	26
27	---	5.67 B	1.49	0.186	1.53	0.420	0.208	0.058	46.8	1.15	---	---	27
28	---	11.1 B	1.56	0.170	1.24	0.382	0.178	0.054	24.0	1.14	---	---	28
29	---		1.82	0.156	0.864	0.414	0.160	0.054	12.9	1.12	---	---	29
30	---		1.87	0.147	0.612	0.466	0.280	0.046	8.87	1.09 A	---	---	30
31	---		1.74		0.829		0.295	0.048		1.04 E		---	31
TOTAL	---	---	162.002	20.007	14.581	29.274	11.443	3.478	282.038	50.800	---	---	TOTAL
MEAN	---	---	5.23	0.667	0.470	0.976	0.369	0.112	9.40	1.63	---	---	MEAN
MAX	---	---	35.2	1.85	1.87	1.78	1.35	0.256	117	5.56	---	---	MAX
MIN	---	---	0.724	0.147	0.117	0.382	0.160	0.046	0.041	0.414	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.34
MAXIMUM DAILY, 117 ON SEP 25
MINIMUM DAILY, 0.041 ON SEP 2
MAXIMUM INSTANTANEOUS,
277 AT 13.00 CST ON SEP 25

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 07 N
LONG 109 25 18 W
DRAINAGE AREA, 2 580 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	989
FEB	---	AUG	301
MAR	14 000	SEP	24 400
APR	1 730	OCT	4 370
MAY	1 260	NOV	---
JUN	2 530	DEC	---

TOTAL DISCHARGE, 49 800 dam³

REMARKS - STAGE-DISCHARGE RELATION EXTENDED ABOVE 64 m³/s BASED ON SLOPE-ARES MEASURMENTS

BATTLE CREEK BELOW NASHLYN PROJECT - STATION NO. 11AB101

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.85	0.147	1.08	0.382	0.318	0.087	4.47	1.05	---	1
2	---	---	---	1.78	0.138	1.09	0.359	0.303	0.094	3.83	0.983	---	2
3	---	---	---	1.60	0.129	1.12	0.377	0.293	0.103	3.06	1.02	---	3
4	---	---	---	1.33	0.117	0.999	0.426	0.282	0.098	2.48	1.24 A	---	4
5	---	---	---	1.31	0.164	1.15	0.510	0.264	0.127	1.89	---	---	5
6	---	---	---	1.28	0.165	1.10	0.492	0.251	0.132	1.46	---	---	6
7	---	---	---	0.994	0.157	1.05	0.442	0.228	0.143	1.24	---	---	7
8	---	---	---	0.733	0.147	1.21	0.377	0.232	0.221	1.05	---	---	8
9	---	---	---	0.640	0.201	1.24	0.330	0.232	0.343	0.921	---	---	9
10	---	---	---	0.738	0.229	1.69	0.294	0.218	0.333	0.760	---	---	10
11	---	---	---	0.853	0.248	2.30	0.287	0.186	0.317	0.598	---	---	11
12	---	---	0.6798	0.817	0.251	1.95	0.295	0.181	0.307	0.494	---	---	12
13	---	---	0.4528	0.705	0.233	1.22	0.361	0.207	0.321	0.529	---	---	13
14	---	---	0.7908	0.589	0.204	1.08	0.319	0.214	0.327	0.454	---	---	14
15	---	---	0.5788	0.669	0.193	1.12	0.288	0.212	0.369	0.409	---	---	15
16	---	---	0.3038	0.457	0.180	1.23	0.286	0.207	0.428	0.384	---	---	16
17	---	---	0.4378	0.418	0.186	1.14	0.311	0.183	0.503	0.358	---	---	17
18	---	---	0.5928	0.368	0.166	1.02	0.374	0.172	0.585	0.337	---	---	18
19	---	---	0.5228	0.323	0.149	1.20	2.08	0.169	0.749	0.335	---	---	19
20	---	---	0.6218	0.295	0.153	1.23	1.23	0.166	0.956	0.326	---	---	20
21	---	---	0.8588	0.279	0.168	1.24	0.663	0.167	0.918	0.805	---	---	21
22	---	---	0.7788	0.266	0.235	1.18	0.457	0.172	1.04	1.18	---	---	22
23	---	---	1.01 B	0.238	0.769	1.00	0.374	0.144	0.808	1.17	---	---	23
24	---	---	1.51 B	0.239	1.46	0.589	0.336	0.145	0.631	1.16	---	---	24
25	---	---	1.56 B	0.228	1.29	0.592	0.270	0.139	10.7	1.17	---	---	25
26	---	---	1.31 B	0.210	1.34	0.526	0.242	0.139	40.6 A	1.16	---	---	26
27	---	---	1.49 B	0.204	1.08	0.467	0.220	0.100	28.7	1.15	---	---	27
28	---	---	1.88	0.186	0.893	0.430	0.407	0.099	14.0	1.14	---	---	28
29	---		1.88	0.170	0.816	0.510	0.398	0.093	8.65	1.10	---	---	29
30	---		1.78	0.148	0.946	0.467	0.354	0.092	5.84	1.07	---	---	30
31	---		1.84		1.02		0.328	0.115		1.05		---	31
TOTAL	---	---	---	20.017	13.608	32.330	13.878	5.952	118.620	37.341	---	---	TOTAL
MEAN	---	---	---	0.667	0.439	1.08	0.448	0.192	3.95	1.20	---	---	MEAN
MAX	---	---	---	1.85	1.48	2.30	2.08	0.316	40.6	4.47	---	---	MAX
MIN	---	---	---	0.148	0.117	0.430	0.220	0.092	0.094	0.326	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.13
MAXIMUM DAILY, 40.6A ON SEP 26

MAXIMUM INSTANTANEOUS,
46.1A AT 10 44 CST ON SEP 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 09 52 N
LONG 109 27 52 W
DRAINAGE AREA, 2 210 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 200
FEB	---	AUG	514
MAR	---	SEP	10 200
APR	1 730	OCT	3 230
MAY	1 180	NOV	---
JUN	2 790	DEC	---

TOTAL DISCHARGE, 20 800 dam³

REMARKS - STAGE-DISCHARGE RELATION NOT DEFINED BY DISCHARGE MEASUREMENT ABOVE 13.0 m³/s

BATTLE CREEK BELOW WILSON'S WEIR - STATION NO. 11AB118

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.6598	1.53	0.006	0.006	0.562	0.324	0.198	0.008	0.722	---	1
2	---	---	0.0308	0.996	0.006	0.005	0.645	0.335	0.218	0.007	0.683	---	2
3	---	---	0.0118	0.827	0.008	0.005	0.493	0.339	0.447	0.007	1.00	---	3
4	---	---	0.0118	0.773	0.009	0.005	0.289	0.313	0.516	0.006	0.898A	---	4
5	---	---	0.010	0.843	0.010	0.006	0.269	0.292	0.391	0.005	---	---	5
6	---	---	0.009	0.600	0.008	0.012	0.242	0.282	0.348	0.005	---	---	6
7	---	---	0.007	0.481	0.008	0.289	0.292	0.308	0.325	0.005	---	---	7
8	---	---	0.008	0.459	0.008	0.759	0.380	0.307	0.335	0.005	---	---	8
9	---	---	0.008	0.407	0.012	0.847	0.374	0.343	0.363	0.005	---	---	9
10	---	---	0.010	0.349	0.011	0.266	0.237	0.337	0.389	0.005	---	---	10
11	---	---	0.007	0.234	0.011	0.084	0.213	0.319	0.435	0.008	---	---	11
12	---	---	0.006	0.005	0.011	0.085	0.234	0.307	0.467	0.004	---	---	12
13	---	---	0.008	0.004	0.010	0.350	0.318	0.305	0.514	0.001	---	---	13
14	---	---	0.006	0.006	0.012	0.222	0.380	0.313	0.542	0.001	---	---	14
15	---	---	0.009	0.004	0.012	0.186	0.413	0.285	0.581	0.001	---	---	15
16	---	---	0.007	0.008	0.010	0.181	0.842	0.244	0.851	0.001	---	---	16
17	---	---	0.008	0.003	0.010	0.345	0.594	0.247	0.893	0.123	---	---	17
18	---	---	0.008	0.007	0.010	0.409	0.019	0.245	0.921	0.805	---	---	18
19	---	---	0.256	0.005	0.010	0.327	0.008	0.225	1.17	1.06	---	---	19
20	---	---	0.837	0.005	0.010	0.300	0.007	0.205	0.731	1.04	---	---	20
21	---	---	0.942	0.006	0.010	0.156	0.008	0.189	0.536	1.02	---	---	21
22	---	---	0.787	0.005	0.018	0.081	0.131	0.185	0.393	1.03	---	---	22
23	---	---	0.874	0.006	0.013	0.046	0.442	0.187	0.335	0.977	---	---	23
24	---	---	0.930	0.005	0.012	0.043	0.568	0.187	0.359	0.882	---	---	24
25	---	0.3288	0.819	0.006	0.012	0.040	0.530	0.184	1.93	0.955	---	---	25
26	---	7.26 B	0.698	0.005	0.012	0.041	0.453	0.205	0.354	0.836	---	---	26
27	---	10.8 B	0.654	0.006	0.012	0.045	0.433	0.218	0.270	0.881	---	---	27
28	---	7.15 B	0.847	0.006	0.011	0.131	0.397	0.212	0.084	0.855	---	---	28
29	---		1.14	0.006	0.009	0.222	0.365	0.189	0.009	0.827	---	---	29
30	---		1.78	0.005	0.008	0.442	0.355	0.198	0.008	0.788	---	---	30
31	---		1.70		0.007		0.324	0.198		0.809		---	31
TOTAL	---	---	13.094	7.402	0.316	5.956	10.818	8.065	14.905	13.181	---	---	TOTAL
MEAN	---	---	0.422	0.247	0.010	0.189	0.349	0.260	0.497	0.425	---	---	MEAN
MAX	---	---	1.78	1.53	0.018	0.847	0.842	0.343	1.93	1.06	---	---	MAX
MIN	---	---	0.005	0.003	0.006	0.005	0.007	0.187	0.008	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.301
MAXIMUM DAILY, 1.93 ON SEP 25
MINIMUM DAILY, 0.001 ON OCT 13
MAXIMUM INSTANTANEOUS,
12.58 AT 12 10 CST ON FEB 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 01 N
LONG 109 38 39 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	935
FEB	---	AUG	697
MAR	1 130	SEP	1 290
APR	640	OCT	1 140
MAY	27.3	NOV	---
JUN	515	DEC	---

TOTAL DISCHARGE, 6 370 dam³

REMARKS - SIGNIFICANT RUNOFF INCLUDING THE PEAK DISCHARGE OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

BATTLE CREEK NEAR CONSUL - STATION NO 11AB096

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.91	0.059	1.57	0.388	0.312	0.140	2.61	0.778	---	1
2	---	---	---	1.78	0.056	1.49	0.438	0.284	0.145	2.26	0.978	---	2
3	---	---	---	1.39	0.063	1.01	0.553	0.269	0.161	1.83	1.12	---	3
4	---	---	---	1.11	0.074	1.05	0.580	0.261	0.142	1.43	1.17 A	---	4
5	---	---	---	1.05	0.096	0.936	0.500	0.265	0.151	1.09	---	---	5
6	---	---	---	0.866	0.100	1.18	0.385	0.284	0.277	0.888	---	---	6
7	---	---	---	0.814	0.103	1.43	0.290	0.249	0.306	0.753	---	---	7
8	---	---	---	0.650	0.098	1.50	0.263	0.233	0.263	0.848	---	---	8
9	---	---	---	0.628	0.121	2.27	0.252	0.216	0.268	0.499	---	---	9
10	---	---	---	0.586	0.120	2.64	0.318	0.218	0.316	0.357	---	---	10
11	---	---	---	0.616	0.145	2.13	0.372	0.222	0.326	0.311	---	---	11
12	---	---	0.7378	0.607	0.134	1.40	0.300	0.221	0.312	0.316	---	---	12
13	---	---	0.3378	0.285	0.125	1.29	0.264	0.231	0.338	0.300	---	---	13
14	---	---	0.6388	0.174	0.119	1.41	0.230	0.226	0.402	0.258	---	---	14
15	---	---	0.3588	0.134	0.112	1.62	0.227	0.211	0.471	0.250	---	---	15
16	---	---	0.4328	0.125	0.088	1.36	0.307	0.196	0.480	0.235	---	---	16
17	---	---	0.5018	0.140	0.090	1.08	0.931	0.190	0.514	0.217	---	---	17
18	---	---	0.5248	0.127	0.108	1.28	3.78	0.190	0.843	0.209	---	---	18
19	---	---	0.1038	0.115	0.111	1.69	1.02	0.181	0.917	0.204	---	---	19
20	---	---	0.2218	0.091	0.101	1.55	0.485	0.169	0.934	1.02	---	---	20
21	---	---	0.5748	0.095	0.283	1.60	0.351	0.163	0.985	1.16	---	---	21
22	---	---	1.05 B	0.095	1.06	1.02	0.273	0.154	0.642	1.15	---	---	22
23	---	---	1.51 B	0.082	1.90	0.598	0.231	0.146	0.540	1.15	---	---	23
24	---	---	1.64 B	0.069	1.45	0.576	0.206	0.141	0.489A	1.17	---	---	24
25	---	---	1.53 B	0.069	1.59	0.495	0.255	0.135	4.93 A	1.14	---	---	25
26	---	---	1.65	0.070	1.63	0.439	0.448	0.124	23.5 A	1.13	---	---	26
27	---	---	1.76	0.065	1.74	0.458	0.469	0.128	9.12	1.14	---	---	27
28	---	---	1.68	0.066	1.67	0.400	0.407	0.129	4.98	1.10	---	---	28
29	---	---	1.61	0.061	1.84	0.361	0.378	0.126	3.60	1.05	---	---	29
30	---	---	1.47	0.056	1.71	0.345	0.345	0.131	3.11	1.04	---	---	30
31	---	---	1.88		1.76		0.324	0.148		1.05			31
TOTAL	---	---	---	13.928	18.648	36.178	15.551	6.133	59.616	27.955	---	---	TOTAL
MEAN	---	---	---	0.464	0.602	1.21	0.502	0.198	1.99	0.902	---	---	MEAN
MAX	---	---	---	1.91	1.90	2.64	3.78	0.312	23.5	2.61	---	---	MAX
MIN	---	---	---	0.058	0.056	0.345	0.206	0.124	0.140	0.204	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.832
MAXIMUM DAILY 23.5A ON SEP 26

MAXIMUM INSTANTANEOUS
28.1A AT 12.35 CST ON SEP 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 12 N
LONG 109 31 22 W
DRAINAGE AREA 1 850 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 340
FEB	---	AUG	530
MAR	---	SEP	5 150
APR	1 200	OCT	2 420
MAY	1 610	NOV	---
JUN	3 130	DEC	---

TOTAL DISCHARGE, 15 400 dam³

REMARKS - STAGE-DISCHARGE RELATION NOT DEFINED BY DISCHARGE MEASUREMENT ABOVE 16.4 m³/s

BATTLE RIVER AT BATTLEFORD - STATION NO 05FF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.608	57.08	16.1	15.5	8.14	15.9	7.68	6.36	6.438	---	1
2	---	---	1.748	66.08	15.5	15.8	7.68	14.4	7.55	6.74	6.528	---	2
3	---	---	1.988	74.78	14.9	15.4	7.08	14.9	7.33	7.02	7.018	---	3
4	---	---	2.208	85.08	14.4	15.1	6.84	17.2	7.13	6.84	7.848	---	4
5	---	---	2.458	91.08	13.7	15.0	6.62	18.5	7.15	6.85	---	---	5
6	---	---	2.748	86.08	13.2	15.2	6.47	21.0	7.07	6.88	---	---	6
7	---	---	3.108	70.98	12.9	15.5	6.21	24.0	7.04	6.97	---	---	7
8	---	---	3.508	50.7	12.7	15.8	6.13	24.5	6.93	7.07	---	---	8
9	---	---	4.008	43.5	12.6	15.6	5.83	21.3	6.83	6.97	---	---	9
10	---	---	4.508	40.2	12.8	15.2	6.02	18.8	6.77	6.81	---	---	10
11	---	---	5.008	37.9	12.7	14.4	6.07	16.9	6.78	6.73	---	---	11
12	---	---	5.508	36.0	12.2	13.6	6.62	15.9	7.57	7.01	---	---	12
13	---	---	6.508	34.3	11.7	13.1	6.42	15.2	7.34	7.88	---	---	13
14	---	---	8.008	31.7	11.4	12.3	6.57	14.4	7.18	7.85	---	---	14
15	---	---	9.308	29.7	11.3	11.7	6.70	13.3	7.07	7.54	---	---	15
16	---	---	10.9 B	27.9	11.1	11.4	6.38	12.2	7.20	7.31	---	---	16
17	---	---	12.8 B	26.6	10.8	11.1	6.66	11.4	7.09	7.13	---	---	17
18	---	---	14.9 B	25.6	10.6	10.8	6.50	10.9	7.06	6.78	---	---	18
19	---	---	16.0 B	24.9	10.3	10.8	6.23	10.5	6.91	6.63	---	---	19
20	---	---	17.0 B	23.8	10.3	10.5	7.74	10.2	6.75	6.78	---	---	20
21	---	---	18.0 B	22.9	10.8	10.9	9.44	9.81	7.03	6.81	---	---	21
22	---	---	19.0 B	22.0	11.8	17.2	10.1	8.51	7.04	6.62	---	---	22
23	---	---	20.0 B	21.5	13.8	17.5	8.30	9.34	6.68	6.55	---	---	23
24	---	---	21.5 B	20.5	19.6	15.9	9.83	8.93	6.51	6.56	---	---	24
25	---	---	25.0 B	19.7	20.7	13.8	12.3	8.60	6.28	6.58	---	---	25
26	---	---	29.6 B	19.2	19.0	12.8	15.1	8.44	6.50	6.54	---	---	26
27	---	---	33.0 B	18.5	17.2	11.4	16.0	8.33	6.87	6.47	---	---	27
28	---	---	37.0 B	18.0	16.4	10.2	15.4	8.31	6.68	6.41	---	---	28
29	---	---	41.0 B	17.4	15.8	8.31	13.7	8.07	6.61	6.47	---	---	29
30	---	---	45.0 B	16.8	15.0	8.51	14.4	7.88	6.34	6.408	---	---	30
31	---	---	52.0 B		14.8		15.7	7.72		6.208		---	31
TOTAL	---	---	476.01	1 169.8	425.9	401.62	272.90	416.35	208.95	211.72	---	---	TOTAL
MEAN	---	---	15.4	38.7	13.7	13.4	8.80	13.4	6.97	6.83	---	---	MEAN
MAX	---	---	52.0	91.0	20.7	17.5	16.0	24.5	7.88	7.86	---	---	MAX
MIN	---	---	1.60	16.8	10.3	8.51	5.83	7.72	6.28	6.20	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 14.6
MAXIMUM DAILY 91.0B ON APR 5
MINIMUM DAILY 1.60B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 44 07 N
LONG 108 20 09 W
DRAINAGE AREA 30 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	23 800
FEB	---	AUG	36 000
MAR	41 100	SEP	18 100
APR	100 000	OCT	18 300
MAY	36 800	NOV	---
JUN	34 700	DEC	---

TOTAL DISCHARGE, 309 000 dam³

BEAR CREEK NEAR PIAPOT - STATION NO. 05MA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.520B	0.186B	2.03 B	0.407	0.177	0.334	0.154	0.023	0.002	0.304	0.3188	---	1
2	0.510B	0.198B	1.58	0.377	0.170	0.285	0.130	0.022	0.001	0.386	0.3238	---	2
3	0.500B	0.195B	1.23	0.340	0.166	0.284	0.101	0.019	0.002	0.465	0.369	---	3
4	0.490B	0.190B	1.27	0.329	0.169	0.347	0.079	0.012	0.002	0.389	0.413	---	4
5	0.500B	0.167B	0.8088	0.319	0.240	0.300	0.072	0.011	0.002	0.345	0.423A	---	5
6	0.510B	0.132B	0.476B	0.306	0.548	0.287	0.078	0.013	0.004	0.322	---	---	6
7	0.530B	0.138B	0.392B	0.283	0.565	0.275	0.084	0.011	0.003	0.296	---	---	7
8	0.550B	0.143B	0.634B	0.304	0.628	0.268	0.068	0.011	0.001	0.324	---	---	8
9	0.560B	0.145B	0.586	0.294	0.668	0.354	0.057	0.012	0.003	0.408	---	---	9
10	0.560B	0.153B	0.519	0.291	1.19	0.386	0.087	0.014	0.011	0.495	---	---	10
11	0.550B	0.156B	0.539	0.287	2.83	0.306	0.154	0.013	0.024	0.444	---	---	11
12	0.518B	0.132B	0.504	0.273	3.64	0.244	0.125	0.013	0.044	0.386	---	---	12
13	0.430B	0.134B	0.478	0.249B	2.16	0.214	0.109	0.012	0.048	0.353	---	---	13
14	0.360B	0.141B	0.472	0.237B	1.29	0.202	0.096	0.012	0.077	0.328	---	---	14
15	0.292B	0.134B	0.527	0.271B	1.18	0.232	0.077	0.009	0.060	0.318	---	---	15
16	0.243B	0.128B	0.434	0.300	1.29	0.297	0.073	0.008	0.078	0.304	---	---	16
17	0.227B	0.116B	0.382	0.289	1.24	0.239	0.411	0.009	0.098	0.290	---	---	17
18	0.216B	0.143B	0.374	0.281	1.06	0.233	0.385	0.008	0.121	0.275	---	---	18
19	0.268B	0.133B	0.366	0.262	0.863	0.330	0.219	0.008	0.158	0.270	---	---	19
20	0.363B	0.119B	0.365	0.240	0.724	0.309	0.160	0.006	0.176	0.270	---	---	20
21	0.282B	0.135B	0.391	0.213	0.617	0.238	0.127	0.004	0.166	0.273	---	---	21
22	0.246B	0.110B	0.401	0.217	1.17	0.195	0.096	0.005	0.150	0.266	---	---	22
23	0.247B	0.128B	0.416	0.230	2.79	0.165	0.077	0.004	0.117	0.259	---	---	23
24	0.254B	0.177B	0.432	0.253	2.35	0.136	0.069	0.004	0.093	0.256	---	---	24
25	0.185B	3.04 B	0.384	0.282	1.32	0.114	0.066	0.003	0.411	0.254	---	---	25
26	0.207B	10.5 B	0.387	0.240	0.938	0.102	0.057	0.002	1.85	0.249	---	---	26
27	0.217B	5.10 B	0.384	0.218	0.716	0.087	0.057	0.002	1.68	0.241	---	---	27
28	0.210B	2.62 B	0.380	0.210	0.574	0.075	0.052	0.002	0.582	0.247	---	---	28
29	0.149B		0.385	0.193	0.501	0.085	0.044	0.002	0.407	0.243	---	---	29
30	0.208B		0.386	0.181	0.431	0.158	0.036	0.002	0.327	0.260	---	---	30
31	0.201B		0.404		0.386		0.031	0.002		0.308B		---	31
TOTAL	11.103	24.793	18.328	8.176	32.589	7.101	3.431	0.278	6.106	9.832	---	---	TOTAL
MEAN	0.358	0.885	0.591	0.273	1.05	0.237	0.111	0.009	0.204	0.317	---	---	MEAN
MAX	0.560	10.5	2.03	0.407	3.64	0.386	0.411	0.023	1.85	0.495	---	---	MAX
MIN	0.149	0.110	0.365	0.181	0.166	0.075	0.031	0.002	0.001	0.241	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.350
MAXIMUM DAILY, 3.64 ON MAY 12
MINIMUM DAILY, 0.001 ON SEP 2
MAXIMUM INSTANTANEOUS,
13.78 AT 10:50 CST ON FEB 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 55 N
LONG 109 06 20 W
DRAINAGE AREA, 253 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	959	JUL	296
FEB	2 140	AUG	24.0
MAR	1 580	SEP	526
APR	706	OCT	849
MAY	2 820	NOV	---
JUN	614	DEC	---

TOTAL DISCHARGE, 7 420 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

BEAVER CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 11AF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.035B	5.52 B	0.078	0.050	0.031	0.042	0.038	0.021	0.047	0.041	0.035B	1
2	---	0.035B	5.09 B	0.072	0.045	0.032	0.040	0.037	0.022	0.058	0.039	0.025B	2
3	---	0.035B	4.28	0.072	0.047	0.034	0.038	0.036	0.024	0.050	0.039	---	3
4	---	0.035B	4.22	0.066	0.049	0.034	0.043	0.034	0.024	0.047	0.038	---	4
5	---	0.034B	3.52	0.067	0.066	0.035	0.082	0.033	0.025	0.048	0.035	---	5
6	---	0.034B	2.90	0.065	0.076	0.035	0.055	0.033	0.026	0.048	0.031	---	6
7	---	0.033B	1.40	0.061	0.067	0.036	0.046	0.032	0.026	0.048	0.029	---	7
8	---	0.034B	0.886	0.060	0.112	0.042	0.045	0.031	0.028	0.054	0.031B	---	8
9	---	0.033B	1.10	0.056	0.186	0.063	0.045	0.031	0.031	0.052	0.030B	---	9
10	---	0.033B	1.53	0.052	0.236	0.049	0.045	0.032	0.036	0.051	0.030B	---	10
11	---	0.034B	4.79	0.052	0.296	0.042	0.048	0.030	0.036	0.049	0.030B	---	11
12	---	0.033B	3.21	0.051	0.209	0.040	0.047	0.031	0.034	0.049	0.033B	---	12
13	---	0.034B	1.34	0.051	0.218	0.040	0.044	0.031	0.035	0.047	0.032B	---	13
14	---	0.034B	0.734	0.053	0.191	0.039	0.042	0.030	0.035	0.045	0.026B	---	14
15	---	0.035B	0.475	0.051	0.135	0.043	0.040	0.030	0.037	0.044	0.025B	---	15
16	---	0.037B	0.351	0.050	0.110	0.043	0.041	0.029	0.036	0.044	0.024B	---	16
17	---	0.036B	0.289	0.056	0.095	0.041	1.36	0.030	0.037	0.043	0.023B	---	17
18	---	0.036B	0.252	0.055	0.083	0.037	1.76	0.028	0.039	0.045	0.024B	---	18
19	---	0.037B	0.206	0.052	0.070	0.045	0.524	0.027	0.050	0.044	0.025B	---	19
20	---	0.036B	0.195	0.052	0.064	0.042	0.276	0.026	0.052	0.042	0.026B	---	20
21	---	0.036B	0.161	0.053	0.054	0.041	0.183	0.025	0.052	0.043	0.027B	---	21
22	---	0.037B	0.144	0.052	0.051	0.039	0.129	0.026	0.042	0.043	0.027B	---	22
23	---	0.038B	0.126	0.052	0.054	0.037	0.099	0.026	0.040	0.042	0.027B	---	23
24	---	0.038B	0.115	0.050	0.051	0.037	0.081	0.025	0.041	0.041	0.026B	---	24
25	---	2.61 B	0.113	0.052	0.046	0.036	0.065	0.025	0.071	0.041	0.030B	---	25
26	---	22.3 B	0.105	0.050	0.042	0.038	0.050	0.024	0.067	0.041	0.029B	---	26
27	---	16.4 B	0.099	0.049	0.040	0.037	0.052	0.025	0.057	0.040	0.033B	---	27
28	---	8.71 B	0.097	0.048	0.037	0.037	0.048	0.024	0.053	0.041	0.031B	---	28
29	---		0.092	0.046	0.037	0.040	0.044	0.023	0.049	0.040	0.031B	---	29
30	---		0.084	0.047	0.035	0.044	0.041	0.022	0.047	0.040	0.033B	---	30
31	---		0.086		0.034		0.039	0.022		0.041		---	31
TOTAL	---	50.862	42.610	1.673	2.894	1.189	5.504	0.896	1.175	1.406	0.903	---	TOTAL
MEAN	---	1.82	1.37	0.056	0.093	0.040	0.178	0.029	0.039	0.045	0.030	---	MEAN
MAX	---	22.3	5.52	0.078	0.296	0.063	1.76	0.038	0.071	0.058	0.041	---	MAX
MIN	---	0.033	0.084	0.046	0.034	0.031	0.038	0.022	0.021	0.040	0.023	---	MIN

SUMMARY FOR THE MONTHS FEB TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.360
MAXIMUM DAILY, 22.3B ON FEB 26
MINIMUM DAILY, 0.021 ON SEP 1
MAXIMUM INSTANTANEOUS,
27.7B AT 05:40 CST ON FEB 26

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 59 N
LONG 105 02 06 W
DRAINAGE AREA, 385 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	476
FEB	4 390	AUG	77.4
MAR	3 680	SEP	102
APR	145	OCT	121
MAY	250	NOV	78.0
JUN	103	DEC	---

TOTAL DISCHARGE, 9 420 dam³

REMARKS - SIGNIFICANT RUNOFF INCLUDING THE PEAK DISCHARGE OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

BEAVER RIVER BELOW WATERMEN RIVER - STATION NO 05AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.7 B	11.1 B	8.358	20.6B	59.6	74.1	39.9	116	82.0E	49.8	43.4B	27.3B	1
2	11.6 B	11.2 B	8.418	23.7B	58.9	74.1	39.1	116	80.0E	49.0	40.9B	27.6B	2
3	11.9 B	11.7 B	8.58B	26.5B	58.8	73.1	39.6	115	78.0E	48.1	40.1B	27.3B	3
4	11.6 B	12.1 B	9.01B	38.6B	57.2	72.2	40.2	114	76.0E	47.8	42.1B	27.0B	4
5	11.0 B	12.7 B	9.25B	45.7B	55.2	71.2	39.6	115	74.0E	47.3	40.3B	26.6B	5
6	12.0 B	12.6 B	9.41B	50.2B	54.3	70.1A	38.2	117	73.0E	47.2	40.1B	26.8B	6
7	12.2 B	12.4 B	9.56B	49.7B	53.5	68.2E	38.7	118	71.0E	47.1	37.8B	26.8B	7
8	12.4 B	12.7 B	9.85B	48.1B	54.0	66.0E	38.3	117	69.0E	46.9	22.4B	26.8B	8
9	12.5 B	12.2 B	9.66B	51.0B	53.8	64.0E	37.3	117	68.0E	46.5	36.1B	25.2B	9
10	12.6 B	11.6 B	9.22B	49.5B	55.1	62.0A	36.2	116	67.0E	45.8	39.0B	24.5B	10
11	12.6 B	12.0 B	11.1 B	79.4B	56.3	59.8	35.6	115	65.0E	45.0	37.8B	25.0B	11
12	12.4 B	11.6 B	10.6 B	76.3B	57.4	60.1	35.4	114	63.0E	44.9	36.7B	25.2B	12
13	12.4 B	11.2 B	11.0 B	79.3B	57.3	57.6	35.9	114	62.0E	44.5	38.2B	25.1B	13
14	12.2 B	11.0 B	11.2 B	73.7B	57.6	55.3	35.8	112	60.0E	44.1	37.2B	25.1B	14
15	11.9 B	10.7 B	11.5 B	67.5B	64.3	53.0	36.8	110	59.0E	44.2	36.1B	25.0B	15
16	11.9 B	10.2 B	11.0 B	62.4B	65.9	50.7	37.6	109	58.0E	44.0	35.3B	24.8B	16
17	11.4 B	9.12B	13.4 B	55.4B	65.6	48.7	38.8	107	57.0E	44.2	35.2B	25.0B	17
18	11.9 B	8.70B	12.8 B	63.8B	74.2	46.7	44.1	106	56.0E	44.1	35.0B	24.9B	18
19	12.0 B	8.54B	12.3 B	62.4B	80.4	48.0	47.0	104	54.2A	44.2	35.2B	24.8B	19
20	12.4 B	7.85B	12.7 B	75.6B	82.2	46.6	47.8	104	53.5	44.1	35.0B	24.8B	20
21	12.7 B	7.04B	13.0 B	71.5	82.5	47.9	48.1	103	52.7	43.9	34.1B	24.7B	21
22	12.3 B	6.52B	13.1 B	66.7	81.4	47.8	48.6	101	52.1	43.9	33.3B	24.9B	22
23	11.8 B	6.40B	13.3 B	65.2	81.8	46.6	50.4	99.1	51.5	44.1	32.6B	24.5B	23
24	10.3 B	6.44B	13.6 B	64.5	81.9	46.4	53.7	97.1	50.7	44.4	31.8B	24.4B	24
25	9.77B	6.23B	14.1 B	64.2	82.0	45.9	59.8	94.7	49.3	44.3	31.4B	24.0B	25
26	10.0 B	6.56B	14.5 B	67.4	83.2	45.4	66.1	92.7	48.4	44.6	30.1B	24.7B	26
27	10.5 B	7.52B	15.1 B	68.2	82.2	44.7	71.9	90.4	49.3	44.6	29.8B	24.7B	27
28	11.2 B	8.34B	15.3 B	67.7	82.5	43.3	80.9	89.1	50.1	44.4	28.6B	23.3B	28
29	11.5 B		15.4 B	67.1	79.8	41.6	88.6	86.9	50.6	44.0	28.3B	24.1B	29
30	11.3 B		17.8 B	62.7	75.8	40.6	107	85.0E	50.4	44.1	27.5B	23.7B	30
31	11.1 B		18.6 B		74.8		112	83.0E		43.6		23.4B	31
TOTAL	364.87	276.26	373.70	1 788.4	2 112.5	1 673.7	1 570.0	3 276.0	1 830.8	1 404.7	1 052.5	782.1	TOTAL
MEAN	11.8	9.87	12.1	59.6	68.1	55.8	50.6	106	61.0	45.3	35.1	25.2	MEAN
MAX	12.7	12.7	18.6	79.4	83.2	74.1	112	118	82.0	49.8	43.4	27.6	MAX
MIN	9.77	6.23	8.35	20.6	53.5	40.6	35.4	83.0	48.4	43.6	22.4	23.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 45.2
MAXIMUM DAILY, 117 ON AUG 7
MINIMUM DAILY, 6.23B ON FEB 25
MAXIMUM INSTANTANEOUS,
118 AT 13:48 CST ON AUG 7

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 49 09 N
LONG 107 48 38 W
DRAINAGE AREA, 45 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 500	JUL	136 000
FEB	23 900	AUG	283 000
MAR	32 300	SEP	158 000
APR	155 000	OCT	121 000
MAY	183 000	NOV	90 900
JUN	145 000	DEC	67 600

TOTAL DISCHARGE, 1 430 000 dam³

BEAVER RIVER NEAR DORINTOSH - STATION NO 05AD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.61B	2.42B	2.61B	16.5B	25.2	38.5	19.0	120	21.0E	9.23	6.34B	4.91B	1
2	1.80B	2.39B	2.35B	22.4B	23.6	39.0	17.9	116	20.0E	8.96	5.75B	4.92B	2
3	1.87B	2.38B	2.22B	25.7B	22.5	36.4	17.5	109	19.0E	8.87	5.69B	4.96B	3
4	1.92B	2.34B	2.53B	28.9B	21.5E	34.2	17.4	104	18.3E	8.79	5.92B	4.88B	4
5	1.98B	2.30B	2.35B	36.0B	20.6E	32.1	16.8	101 A	17.5E	8.75	6.13B	4.68B	5
6	1.94B	2.33B	2.18B	33.4B	19.7E	31.0	16.2	98.5A	16.8E	8.70	5.70B	4.53B	6
7	1.90B	2.37B	2.11B	49.3B	19.0A	29.4	15.8	96.4	18.1E	8.62	4.60B	4.54B	7
8	2.08B	2.33B	2.06B	46.5B	19.3	27.9A	15.0	92.2	15.5E	8.41	5.97B	4.73B	8
9	2.02B	2.36B	2.12B	46.5	19.6	26.0	14.5	88.2	15.0E	8.09	5.62B	4.74B	9
10	1.86B	2.47B	2.22B	55.6	20.5	25.1	14.3	84.0A	14.5E	7.83	5.69B	4.77B	10
11	1.86B	2.65B	2.18B	49.5	21.2	23.8	14.4	78.7A	14.0E	7.80	5.80B	4.77B	11
12	1.85B	2.65B	2.49B	43.2	21.6	22.4	14.6	73.5A	13.5E	7.75A	5.93B	4.73B	12
13	1.89B	2.67B	2.33B	34.8	22.4	21.0	14.6	68.5A	13.2E	8.15A	5.62B	4.67B	13
14	1.81B	2.70B	2.12B	26.0	22.3	19.7	15.4	63.6A	12.9E	8.57	5.72B	4.58B	14
15	1.83B	2.64B	2.28B	27.3	23.8	18.5A	16.5	58.7A	12.5E	8.31	5.80B	4.61B	15
16	1.81B	2.60B	2.30B	30.8	24.6	17.8	17.9	54.8A	12.2E	8.25	5.90B	4.57B	16
17	1.89B	2.45B	2.10B	33.8	25.4	17.6	18.5	51.0A	12.0A	8.10	5.83B	4.60B	17
18	1.83B	2.37B	2.02B	29.2	28.3	18.1A	21.0	47.3A	11.7	7.86	5.55B	4.55B	18
19	1.91B	2.45B	1.99B	25.6	29.7	19.3	24.1	43.8E	11.4	7.55	5.53B	4.71B	19
20	1.99B	2.62B	1.97B	24.1	31.4	19.3	27.0	40.2A	11.0	7.43	5.62B	4.85B	20
21	1.86B	2.76B	2.16B	23.2	32.6	21.0A	31.3	37.5A	10.5	7.47	5.72B	4.83B	21
22	2.09B	2.79B	3.06B	22.6	32.3	21.2	40.3	34.6A	10.3	7.52	5.63B	4.88B	22
23	2.29B	2.71B	4.37B	22.3	32.4	20.0	54.0	33.0A	10.2	7.37	5.21B	4.73B	23
24	2.23B	2.65B	5.00B	22.4	34.4	19.1	70.6	31.5E	10.3	7.24	4.41B	4.68B	24
25	2.26B	2.56B	6.59B	22.5	37.9	18.6	82.7	30.0E	10.1	7.15	5.55B	4.72B	25
26	2.31B	2.62B	7.44B	23.2	41.0	18.5	90.8	28.5E	9.81	7.02	5.47B	4.71B	26
27	2.25B	2.67B	7.05B	23.8	42.1	18.5	96.5	27.0E	10.2	6.85	5.08B	4.68B	27
28	2.31B	2.83B	7.08B	25.3	42.0	18.2	102	25.5E	10.4	6.73	5.33B	4.84B	28
29	2.42B		8.87B	26.0	41.1	18.4A	105	24.5E	10.3	6.68	5.23B	4.81B	29
30	2.45B		12.0 B	26.0	40.2	19.1A	113	23.0E	9.85	6.62	5.05B	4.54B	30
31	2.43B		13.2 B		39.6		121	22.0E		6.05B		4.47B	31
TOTAL	62.58	70.99	122.46	926.2	879.0	709.9	1 255.4	1 905.4	388.99	242.78	187.39	145.15	TOTAL
MEAN	2.02	2.54	3.95	30.9	28.4	23.7	40.5	61.5	13.3	7.83	5.58	4.68	MEAN
MAX	2.45	2.83	13.2	55.6	42.1	39.0	121	120	21.0	9.23	6.34	4.96	MAX
MIN	1.61	2.30	1.97	16.5	19.0	17.8	14.3	22.0	9.85	6.05	4.41	4.47	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.8
MAXIMUM DAILY, 121 ON JUL 31
MINIMUM DAILY, 1.61B ON JAN 1
MAXIMUM INSTANTANEOUS,
123 AT 16:57 CST ON JUL 31

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 17 47 N
LONG 108 36 16 W
DRAINAGE AREA, 30 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 410	JUL	108 000
FEB	3 130	AUG	185 000
MAR	10 600	SEP	24 600
APR	80 000	OCT	21 000
MAY	75 900	NOV	16 500
JUN	61 300	DEC	12 600

TOTAL DISCHARGE, 595 000 dam³

BELANGER CREEK DIVERSION TO CYPRESS LAKE - STATION NO. 11AC084

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	2.79 B	0.192	0	0.263	0	0	0	0.182	0	---	1
2	---	0 B	4.04 B	0.120	0	0.263	0	0	0	0.203	0	---	2
3	---	0 B	3.22 B	0.073	0	0.288	0	0	0	0.165	0	---	3
4	---	0 B	2.17 B	0.053	0	0.280	0	0	0	0.142	0A	---	4
5	---	0 B	2.38 B	0.043	0	0.150	0	0	0	0.132	---	---	5
6	---	0 B	1.50 B	0.023	0	0.067	0	0	0	0.125	---	---	6
7	---	0 B	1.46 B	0.012	0	0.088	0	0	0	0.121	---	---	7
8	---	0 B	0.8368	0.007	0	0.128	0	0	0	0.129	---	---	8
9	---	0 B	1.30 B	0.013	0	0.407	0	0	0	0.124	---	---	9
10	---	0 B	0.8978	0.043	0.001	0.405	0	0	0	0.113	---	---	10
11	---	0 B	0.723	0.211	0.148	0.339	0	0	0	0.109	---	---	11
12	---	0 B	0.573	0.222	0.723	0.279	0	0	0	0.060	---	---	12
13	---	0 B	0.552	0.413	0.809	0.262	0	0	0	0.005	---	---	13
14	---	0 B	0.400	0.2338	0.494	0.232	0	0	0	0.001	---	---	14
15	---	0 B	0.509	0.2228	0.284	0.339	0	0	0	0	---	---	15
16	---	0 B	0.450	0.140	0.290	0.240	0	0	0	0	---	---	16
17	---	0 B	0.413	0.007	0.384	0.154	0	0	0	0	---	---	17
18	---	0 B	0.375	0	0.659	0.012	0	0	0	0	---	---	18
19	---	0 B	0.347	0	0.582	0.005	0	0	0	0	---	---	19
20	---	0 B	0.370	0	0.236	0	0	0	0	0	---	---	20
21	---	0 B	0.496	0	0.087	0	0	0	0	0	---	---	21
22	---	0 B	0.692	0	0.518	0	0	0	0	0	---	---	22
23	---	0 B	0.734	0	1.84	0	0	0	0	0	---	---	23
24	---	0 B	0.561	0	2.77	0	0	0	0	0	---	---	24
25	---	0.0058	0.290	0	1.46	0	0	0	1.73	0	---	---	25
26	---	2.18 B	0.221	0	0.535	0	0	0	3.74	0	---	---	26
27	---	4.08 B	0.277	0	0.376	0	0	0	3.35	0	---	---	27
28	---	1.69 B	0.429	0	0.475	0	0	0	1.33	0	---	---	28
29	---		0.637	0	0.383	0	0	0	0.582	0	---	---	29
30	---		0.540	0	0.328	0	0	0	0.265	0	---	---	30
31	---		0.347		0.272		0	0		0		---	31
TOTAL	---	8.155	30.529	2.027	13.666	4.213	0	0	10.997	1.611	---	---	TOTAL
MEAN	---	0.291	0.985	0.068	0.441	0.140	0	0	0.367	0.052	---	---	MEAN
MAX	---	4.08	4.04	0.413	2.77	0.407	0	0	3.74	0.203	---	---	MAX
MIN	---	0	0.221	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.261
MAXIMUM DAILY, 4.088 ON FEB 27
MINIMUM DAILY, 0B ON FEB 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 39 N
LONG 109 21 54 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1939

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	705	AUG	0
MAR	2 640	SEP	950
APR	175	OCT	139
MAY	1 180	NOV	---
JUN	364	DEC	---

TOTAL DISCHARGE, 6 150 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

BIG GULLY CREEK NEAR MAIDSTONE - STATION NO. 05EF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	B B	3.89	0.700	0.203	0.066	2.30	0.815	0.179	0.1408	---	1
2	---	---	B B	3.46	0.597	0.163	0.032	2.15	0.747	0.166	0.1348	---	2
3	---	---	0 B	4.76	0.584	0.155	0.018	1.84	0.675	0.153	0.1498	---	3
4	---	---	0 B	4.72	0.503	0.157	0.012	1.69	0.621	0.147	0.1738	---	4
5	---	---	0 B	4.48	0.451	0.178	0.031	1.45	0.576	0.137	0.2008	---	5
6	---	---	0 B	4.02	0.444	0.189	0.055	1.26	0.520	0.130	0.1958	---	6
7	---	---	0 B	3.56	0.470	0.178	0.073	1.10	0.455	0.123	---	---	7
8	---	---	0 B	3.22	0.458	0.161	0.084	0.988	0.393	0.113	---	---	8
9	---	---	0 B	2.99	0.410	0.143	0.099	0.944	0.342	0.110	---	---	9
10	---	---	0 B	2.85	0.421	0.138	0.184	0.957	0.293	0.112	---	---	10
11	---	---	0 B	2.52	0.448	0.123	0.257	1.00	0.262	0.109	---	---	11
12	---	---	0 B	2.36	0.426	0.121	0.364	1.08	0.235	0.101	---	---	12
13	---	---	0.0088	2.14	0.417	0.140	0.586	1.17	0.200	0.101	---	---	13
14	---	---	0.0078	2.06	0.392	0.126	0.705	1.22	0.164	0.100	---	---	14
15	---	---	0.0118	1.82	0.413	0.086	0.711	1.21	0.129	0.098	---	---	15
16	---	---	0.0498	1.26	0.446	0.078	0.651	1.23	0.118	0.103	---	---	16
17	---	---	0.0718	0.940	0.438	0.072	0.638	1.19	0.129	0.117	---	---	17
18	---	---	0.0818	1.34	0.419	0.056	0.745	1.17	0.142	0.136	---	---	18
19	---	---	0.0568	1.29	0.416	0.252	0.900	1.15	0.142	0.166	---	---	19
20	---	---	0.0288	1.20	0.421	0.930	1.18	0.134	0.187	---	---	---	20
21	---	---	0.0328	1.16	0.382	0.691	0.849	1.17	0.116	0.201	---	---	21
22	---	---	0.0468	1.08	0.408	0.596	0.729	1.12	0.095	0.204	---	---	22
23	---	---	0.0298	1.08	0.565	0.564	0.651	1.09	0.084	0.210	---	---	23
24	---	---	0.0308	1.01	0.598	0.500	0.617	1.05	0.080	0.212	---	---	24
25	---	---	0.0288	0.925	0.567	0.459	0.615	1.03	0.074	0.212	---	---	25
26	---	---	0.0278	0.879	0.492	0.482	0.800	1.01	0.074	0.213	---	---	26
27	---	---	0.1198	0.827	0.423	0.465	1.00	0.996	0.078	0.214	---	---	27
28	---	---	0.5308	0.804	0.385	0.386	1.15	0.972	0.112	0.215	---	---	28
29	---		0.7008	0.761	0.342	0.235	1.36	0.845	0.167	0.2058	---	---	29
30	---		1.28 B	0.748	0.302	0.134	1.88	0.924	0.183	0.1888	---	---	30
31	---		3.11 B		0.252		2.17	0.878		0.1758		---	31
TOTAL	---	---	6.243	53.954	13.984	7.641	18.963	37.604	8.155	4.837	---	---	TOTAL
MEAN	---	---	0.201	2.13	0.451	0.255	0.612	1.21	0.272	0.156	---	---	MEAN
MAX	---	---	3.11	4.76	0.700	0.596	2.17	2.30	0.815	0.215	---	---	MAX
MIN	---	---	0	0.748	0.252	0.055	0.012	0.878	0.074	0.098	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.858
MAXIMUM DAILY, 4.76 ON APR 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.80 AT 08:43 CST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 39 N
LONG 109 17 45 W
DRAINAGE AREA, 1 620 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 840
FEB	---	AUG	3 250
MAR	539	SEP	705
APR	5 530	OCT	418
MAY	1 210	NOV	---
JUN	880	DEC	---

TOTAL DISCHARGE, 14 000 dam³

BIG GUILL LAKE NEAR KANDAHAR - STATION NO. 05MA010

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	514.969	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	514.926	---	---	---	---	3
4	---	---	---	---	---	515.044	---	---	514.884	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	514.964	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	515.022	---	514.922	514.878	---	---	---	10
11	---	---	---	---	---	---	514.956	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	515.092	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	514.952	---	---	---	---	---	16
17	---	---	---	---	---	515.002	---	514.917	---	---	---	---	17
18	---	---	---	---	---	---	---	---	514.875	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	514.991	---	514.909	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	515.130	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	514.935	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	514.901	---	---	---	---	27
28	---	---	---	---	515.075	514.975	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	514.793	---	---	29
30	---		---	---	---	---	514.927	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 46 54 N
LONG 104 15 10 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BIG SANDY LAKE ON THE HANSON LAKE ROAD - STATION NO. 05KF004

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	393.614	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	393.433	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	393.703	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 27 39 N
LONG 104 10 35 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BIGSTONE LAKE NEAR LA RONGE - STATION NO. 05CA004

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.888	0.843	0.787	0.785	0.874E	1.072	1.040	1.072	1.002	0.920	0.886	0.835	1
2	0.884	0.843	0.787	0.785	0.880E	1.078	1.031	1.077	0.997	0.915	0.875	0.841	2
3	0.883	0.842	0.787	0.785	0.886E	1.083	1.039	1.079	1.010	0.914	0.869	0.837	3
4	0.883	0.840	0.784	0.786	0.892E	1.075	1.049	1.082	1.000	0.919	0.857	0.834	4
5	0.879	0.839	0.782	0.790	0.898E	1.068	1.028	1.086	0.994	0.921	0.857	0.831	5
6	0.874	0.838	0.784	0.795	0.904E	1.071	1.043	1.084	0.993	0.914	0.886	0.829	6
7	0.871	0.835	0.783	0.788	0.917E	1.075	1.038	1.089	0.985	0.927	0.869	0.831	7
8	0.870	0.830	0.781	0.800	0.918E	1.067	1.030	1.088	0.970	0.926	0.872	0.840	8
9	0.870	0.825	0.780	0.802	0.926E	1.067	1.021	1.100	0.970	0.920	0.870	0.837	9
10	0.871	0.819	0.780	0.801	0.932E	1.066	1.008	1.101	0.955	0.929	0.866	0.836	10
11	0.875	0.821	0.779	0.800	0.940E	1.068	0.996	1.100	0.949	0.923	0.862	0.834	11
12	0.874	0.820	0.778	0.807	0.948E	1.100	0.993	1.098	0.951	0.916	0.859	0.829	12
13	0.871	0.820	0.777	0.811	0.956E	1.092	0.991	1.098	0.959	0.905	0.857	0.828	13
14	0.868	0.820	0.775	0.811	0.963E	1.087	0.992	1.095	0.956	0.902	0.856	0.826	14
15	0.867	0.821	0.775	0.813	0.970E	1.070	1.006	1.095	0.952	0.903	0.855	0.825	15
16	0.865	0.819	0.773	0.813	0.977E	1.061	1.013	1.090	0.945	0.902	0.855	0.825	16
17	0.863	0.817	0.773	0.820	0.985E	1.059	1.001	1.081	0.945	0.901	0.852	0.825	17
18	0.864	0.814	0.770	0.832	0.993E	1.060	1.011	1.074	0.946	0.902	0.848	0.825	18
19	0.862	0.810	0.764	0.835	1.005E	1.071	1.019	1.075	0.941	0.901	0.847	0.823	19
20	0.860	0.806	0.764	0.835	1.017A	1.070	1.028	1.073	0.939	0.900	0.844	0.822	20
21	0.859	0.804	0.763	0.835	1.020	1.069	1.031	1.065	0.934	0.898	0.844	0.819	21
22	0.855	0.801	0.768	0.841	1.014	1.066	1.030	1.059	0.933	0.893	0.845	0.818	22
23	0.854	0.798	0.770	0.844	1.024	1.061	1.027	1.054	0.935	0.896	0.840	0.817	23
24	0.853	0.793	0.770	0.853	1.040	1.067	1.029	1.046	0.908	0.895	0.841	0.817	24
25	0.854	0.788	0.770	0.855	1.058	1.074	1.027	1.037	0.885	0.892	0.842	0.815	25
26	0.852	0.789	0.770	0.857	1.065	1.077	1.023	1.032	0.851	0.890	0.840	0.811	26
27	0.849	0.787	0.771	0.858	1.071	1.073	1.021	1.024	0.887	0.892	0.843	0.812	27
28	0.848	0.786	0.774	0.858	1.069	1.064	1.024	1.025	0.906	0.893	0.840	0.811	28
29	0.847		0.775	0.864E	1.070	1.056	1.020	1.021	0.918	0.889	0.837	0.808	29
30	0.847		0.778	0.869E	1.065	1.050	1.048	1.019	0.922	0.887	0.836	0.806	30
31	0.844		0.781		1.070		1.068	1.013		0.895		0.806	31
MEAN	0.865	0.817	0.776	0.821	0.979	1.071	1.023	1.070	0.947	0.906	0.855	0.824	MEAN
MAX	0.888	0.843	0.787	0.869	1.071	1.100	1.068	1.101	1.010	0.929	0.886	0.841	MAX
MIN	0.844	0.786	0.763	0.785	0.874	1.050	0.991	1.013	0.851	0.887	0.836	0.806	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 0.913
MAXIMUM DAILY, 1.101 ON AUG 10
MINIMUM DAILY, 0.763 ON MAR 21
MAXIMUM INSTANTANEOUS,
1.126 AT 13 55 CST ON AUG 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 05 40 N
LONG 105 21 46 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA
7 280 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

BIRCH CREEK NEAR ELFROS - STATION NO. 05MA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 8	4.02 B	0.113	0.005	0.002	0.001	0	0.001	---	---	1
2	---	---	0.0018	3.33 B	0.110	0.006	0.002	0.001	0	0.001	---	---	2
3	---	---	0.0038	2.22	0.085	0.005	0.002	0.001	0	0.001	---	---	3
4	---	---	0.0068	1.90	0.110	0.004	0.002	0.001	0	0.001	---	---	4
5	---	---	0.0088	1.48	0.093	0.003	0.001	0.001	0	0.001	---	---	5
6	---	---	0.0058	1.26	0.163	0.002	0.001	0.001	0	0.001	---	---	6
7	---	---	0.0038	1.02	0.190	0.002	0.001	0.001	0	0.001	---	---	7
8	---	---	0.0028	0.817	0.162	0.002	0.001	0	0	0.001	---	---	8
9	---	---	0.0028	0.711	0.274	0.002	0.001	0	0	0.001E	---	---	9
10	---	---	0.0028	0.578	0.356	0.001	0.001	0	0	0.001E	---	---	10
11	---	---	0.0028	0.483	0.414	0.001	0.001	0	0	0.001E	---	---	11
12	---	---	0.0028	0.3958	0.358	0.001	0.001	0	0	0.001E	---	---	12
13	---	---	0.0028	0.3148	0.294	0.002	0.001	0	0	0.001E	---	---	13
14	---	---	0.1188	0.2538	0.225	0.001	0.001	0	0	0.001A	---	---	14
15	---	---	0.2358	0.2218	0.206	0.001	0.001	0	0	0.001	---	---	15
16	---	---	0.7778	0.184	0.216	0.001	0.001	0	0	0.001	---	---	16
17	---	---	1.09 B	0.228	0.179	0.001	0.001	0	0	0.001	---	---	17
18	---	---	0.8638	0.225	0.161	0.001	0.001	0	0	0.001	---	---	18
19	---	---	0.7798	0.201	0.204	0.002	0.001	0	0	0.001	---	---	19
20	---	---	0.7318	0.163	0.177	0.002	0.001	0	0.001	0.001	---	---	20
21	---	---	1.16 B	0.207	0.116	0.002	0.001	0	0.001	0.002	---	---	21
22	---	---	4.57 B	0.220	0.077	0.002	0.001	0	0.001	0.002	---	---	22
23	---	---	2.73 B	0.209	0.061	0.002	0.001	0	0.001	0.002	---	---	23
24	---	---	2.44 B	0.232	0.057	0.002	0.001	0	0.001	0.003	---	---	24
25	---	---	1.54 B	0.164	0.048	0.002	0.001	0	0.001	0.008	---	---	25
26	---	---	1.84 B	0.203	0.043	0.002	0.001	0	0.001	0.009	---	---	26
27	---	---	2.79 B	0.142	0.046	0.002	0.001	0	0.001	0.010	---	---	27
28	---	---	8.41 B	0.142	0.034	0.002	0.001	0	0.001	0.010	---	---	28
29	---		7.27 B	0.231	0.038	0.002	0.001	0	0.001	0.015A	---	---	29
30	---		5.86 B	0.165	0.023	0.002	0.001	0	0.001	0.015E	---	---	30
31	---		5.68 B		0.008		0.001	0		0.015E		---	31
TOTAL	---	---	48.941	21.949	4.651	0.065	0.035	0.007	0.011	0.109	---	---	TOTAL
MEAN	---	---	1.58	0.732	0.150	0.002	0.001	0	0	0.004	---	---	MEAN
MAX	---	---	8.41	4.02	0.414	0.006	0.002	0.001	0.001	0.015	---	---	MAX
MIN	---	---	0	0.142	0.008	0.001	0.001	0	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.309
MAXIMUM DAILY, 8.41B ON MAR 28
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
9.79B AT 16.38 CST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 44 45 N
LONG 103 52 27 W
DRAINAGE AREA, 892 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3.02
FEB	---	AUG	0.80
MAR	4 230	SEP	0.95
A[illegible]	1 900	OCT	9.42
[illegible]	402	NOV	---
JUN	5.62	DEC	---

TOTAL DISCHARGE, 5 550 dam³

BIRCH RIVER MARSH NEAR CUMBERLAND HOUSE - STATION NO. 05KH014

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	264.053E	264.071	264.078	264.088E	264.098E	264.062	263.708	263.658	263.782	263.915	---	---	1
2	264.056E	264.069	264.077	264.086E	264.098E	264.058	263.691	263.598	263.776	263.918	---	---	2
3	264.058E	264.071	264.078	264.087E	264.100E	264.037	263.685	263.585	263.775	263.919	---	---	3
4	264.060E	264.071	264.078	264.087E	264.101E	264.020	263.682	263.594	263.786	263.919	---	---	4
5	264.062E	264.069	264.077	264.087E	264.102E	264.009	263.857	263.804	263.781	263.931	---	---	5
6	264.064E	264.072	264.077	264.087E	264.103E	264.003	263.867	263.806	263.780	---	---	---	6
7	264.065A	264.071	264.078	264.087E	264.103A	263.996	263.885	263.809	263.754	---	---	---	7
8	264.068	264.072	264.078	264.088E	264.052	263.991	263.890	263.809	263.745	---	---	---	8
9	264.068	264.072	264.078	264.088E	264.034	263.988	263.896	263.802	263.748	---	---	---	9
10	264.069	264.072	264.078	264.088E	264.036	263.970	263.891	263.800	263.758	---	---	---	10
11	264.070	264.072	264.080	264.088E	264.043	263.935	263.867	263.599	263.774	---	---	---	11
12	264.072	264.073	264.080	264.088E	264.056	263.921	263.885	263.593	263.781	---	---	---	12
13	264.072	264.074	264.081	264.089E	264.066	263.900	263.857	263.592	263.802	---	---	---	13
14	264.072	264.075	264.082	264.089E	264.080	263.880	263.854	263.592	263.811	---	---	---	14
15	264.074	264.074	264.082	264.090E	264.082	263.863	263.850	263.615	263.816	---	---	---	15
16	264.074	264.075	264.081	264.090E	264.097	263.851	263.843	263.637	263.819	---	---	---	16
17	264.074	264.074	264.082	264.090E	264.108	263.837	263.833	263.703	263.828	---	---	---	17
18	264.073	264.074	264.086	264.091E	264.109	263.832	263.839	263.765	263.832	---	---	---	18
19	264.074	264.072	264.086	264.091E	264.111	263.829	263.845	263.859	263.835	---	---	---	19
20	264.074	264.071	264.083	264.092E	264.114	263.831	263.864	263.913	263.840	---	---	---	20
21	264.074	264.073	264.082	264.092E	264.108	263.820	263.874	263.940	263.840	---	---	---	21
22	264.073	264.072	264.082	264.093E	264.104	263.807	263.869	263.929	263.846	---	---	---	22
23	264.073	264.072	264.084	264.093E	264.103	263.799	263.895	263.907	263.852	---	---	---	23
24	264.073	264.072	264.084E	264.094E	264.103	263.794	263.741	263.888	263.864	---	---	---	24
25	264.073	264.072	264.085E	264.094E	264.102	263.802	263.731	263.870	263.853	---	---	---	25
26	264.074	264.073	264.085E	264.094E	264.099	263.793	263.723	263.854	263.877	---	---	---	26
27	264.073	264.074	264.085E	264.095E	264.094	263.774	263.710	263.837	263.896	---	---	---	27
28	264.072	264.075	264.086E	264.095E	264.087	263.748	263.708	263.824	263.900	---	---	---	28
29	264.072		264.086E	264.096E	264.079	263.735	263.702	263.815	263.908	---	---	---	29
30	264.073		264.086E	264.087E	264.067	263.722	263.700	263.803	263.910	---	---	---	30
31	264.072		264.086E		264.065		263.711	263.793		---		---	31
MEAN	264.069	264.072	264.082	264.090	264.087	263.887	263.882	263.722	263.818	---	---	---	MEAN
MAX	264.074	264.075	264.086	264.097	264.114	264.062	263.741	263.940	263.910	---	---	---	MAX
MIN	264.053	264.069	264.077	264.086	264.034	263.722	263.633	263.585	263.745	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MINIMUM DAILY, 263.585 ON AUG 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 50 00 N
LONG 101 57 23 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - STATION DISCONTINUED AFTER THE 1986 SEASON

BIRLING CREEK NEAR PAYNTON - STATION NO. 05EG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.008	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.003	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.002	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.002	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.028	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.007	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.024	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.012	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.005	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.003	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.002	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.004	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.001	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0.0018	0	0	0	0	0	0	0	---	---	17
18	---	---	0.0018	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0.0088	0	0	0	0	0	0	0	---	---	20
21	---	---	0.0038	0.001	0	0	0	0	0	0	---	---	21
22	---	---	0.0028	0	0	0	0	0	0	0	---	---	22
23	---	---	0.0028	0	0	0	0	0	0	0	---	---	23
24	---	---	0.0018	0	0	0	0	0	0	0	---	---	24
25	---	---	0 B	0	0	0	0	0	0	0	---	---	25
26	---	---	0.0018	0	0	0	0	0	0	0	---	---	26
27	---	---	0.0028	0	0	0	0	0	0	0	---	---	27
28	---	---	0.023	0	0	0	0	0	0	0	---	---	28
29	---		0.057	0	0	0	0	0	0	0	---	---	29
30	---		0.037	0	0	0	0	0	0	0		---	30
31	---		0.018	0			0	0		0		---	31
TOTAL	---	---	0.156	0.103	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.005	0.003	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.057	0.028	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.057 ON MAR 29
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.173 AT 16:15 CST ON MAR 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 04 45 N
LONG 108 59 00 W
DRAINAGE AREA, 426 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	13.5	SEP	0
APR	8.90	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 22.4 dam³

BOGGY CREEK NEAR LUMSDEN - STATION NO. 05JF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.096	0.016	0.003	0.002	0.001	0	0.004	---	---	1
2	---	---	0 B	0.092	0.018	0.004	0.002	0.004	0	0.003	---	---	2
3	---	---	0.0018	0.071	0.019	0.003	0.001	0.002	0	0.003	---	---	3
4	---	---	0.0018	0.058	0.019	0.002	0.001	0.001	0	0.004	---	---	4
5	---	---	0.1118	0.045	0.044	0.003	0.002	0.001	0	0.003	---	---	5
6	---	---	0.1048	0.042	0.087	0.004	0.002	0.001	0	0.003	---	---	6
7	---	---	0.0648	0.034	0.128	0.003	0.002	0.001	0	0.003	---	---	7
8	---	---	0.0458	0.025	0.273	0.001	0.001	0.001	0	0.003	---	---	8
9	---	---	0.0278	0.021	0.573	0.006	0.001	0.001	0	0.003	---	---	9
10	---	---	0.0208	0.021	1.17	0.005	0.001	0.001	0	0.003	---	---	10
11	---	---	0.0218	0.020	1.24	0.003	0.002	0.001	0	0.003	---	---	11
12	---	---	0.0258	0.020	0.840	0.003	0.005	0.001	0	0.003	---	---	12
13	---	---	0.0458	0.020	0.563	0.002	0.005	0.001	0	0.002	---	---	13
14	---	---	0.0978	0.019	0.320	0.002	0.005	0.001	0	0.003	---	---	14
15	---	---	0.1928	0.017	0.185	0.003	0.003	0.001	0.001	0.003	---	---	15
16	---	---	0.4668	0.016	0.129	0.003	0.003	0.001	0.001	0.005	---	---	16
17	---	---	0.4798	0.017	0.096	0.003	0.004	0.001	0.001	0.007	---	---	17
18	---	---	1.58 B	0.014	0.071	0.003	0.004	0	0.001	0.008	---	---	18
19	---	---	1.72 B	0.013	0.054	0.002	0.004	0	0.001	0.005	---	---	19
20	---	---	1.37 B	0.014	0.045	0.001	0.002	0	0.001	0.005	---	---	20
21	---	---	1.18 B	0.013	0.032	0.001	0.002	0	0.001	0.006	---	---	21
22	---	---	0.8508	0.012	0.025	0.001	0.001	0	0.001	0.007	---	---	22
23	---	---	0.6908	0.014	0.017	0.001	0.003	0	0.001	0.005	---	---	23
24	---	---	0.5498	0.015	0.008	0.001	0.001	0	0.001	0.006	---	---	24
25	---	---	0.3488	0.015	0.008	0.001	0.002	0	0.003	0.005	---	---	25
26	---	---	0.3098	0.017	0.005	0.001	0.002	0	0.003	0.006	---	---	26
27	---	---	0.2188	0.017	0.004	0.001	0.002	0	0.003	0.008	---	---	27
28	---	---	0.1798	0.016	0.004	0.002	0.002	0	0.002	0.008A	---	---	28
29	---		0.1418	0.018	0.004	0.001	0.002	0	0.004	0.008E	---	---	29
30	---		0.122	0.018	0.003	0.001	0.001	0	0.004	0.008E	---	---	30
31	---		0.109		0.004		0.001	0		0.008E		---	31
TOTAL	---	---	11.063	0.830	6.010	0.070	0.072	0.021	0.029	0.149	---	---	TOTAL
MEAN	---	---	0.357	0.028	0.194	0.002	0.002	0.001	0.001	0.005	---	---	MEAN
MAX	---	---	1.72	0.096	1.24	0.006	0.005	0.004	0.004	0.008	---	---	MAX
MIN	---	---	0	0.012	0.003	0.001	0.001	0	0	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.074
MAXIMUM DAILY, 1.728 ON MAR 19
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
2.258 AT 19 17 CST ON MAR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 55 N
LONG 104 49 05 W
DRAINAGE AREA, 401 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 22
FEB	---	AUG	1 81
MAR	956	SEP	2 51
APR	71 7	OCT	12 9
MAY	519	NOV	---
JUN	6 05	DEC	---

TOTAL DISCHARGE, 1 580 dam³

BOUNDARY RESERVOIR NEAR ESTEVAN - STATION NO. 05NB012

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	556.309	556.244	556.256	557.407	557.350	557.571	557.376	557.466	557.377	557.233	557.105	556.998	1
2	556.308	556.244	556.339	557.403	557.345	557.567	557.376	557.472	557.368A	557.234	557.105	556.979	2
3	556.307	556.240	556.437	557.404	557.340	557.557	557.370	557.501	557.355A	557.233	557.102	556.977	3
4	556.304	556.239	556.515	557.410	557.333	557.552	557.364	557.534	557.338	557.226	557.101	556.981	4
5	556.301	556.237	556.574	557.419	557.328	557.545	557.401	557.557	557.328A	557.220	557.098	556.973	5
6	556.296	556.231	556.614	557.424	557.350	557.534	557.394	557.571	557.320A	557.219	557.096	556.975	6
7	556.295	556.224	556.655	557.421	557.354	557.533	557.390	557.578	557.312	557.210	557.088	556.972	7
8	556.294	556.219	556.703	557.425	557.351	557.525	557.384	557.583	557.303	557.206	557.072	556.961	8
9	556.287	556.214	556.752	557.425	557.370	557.524	557.378	557.578	557.289	557.208	557.071	556.949	9
10	556.287	556.208	556.791	557.424	557.376	557.520	557.373	557.578A	557.281	557.195	557.067	556.955	10
11	556.284	556.200	556.822	557.407	557.390	557.516	557.370	557.577	557.275	557.187	557.052	556.952	11
12	556.281	556.200	556.843	557.405	557.402	557.496	557.385	557.573	557.284	557.185	557.042	556.948	12
13	556.281	556.193	556.868	557.399	557.420	557.486	557.398	557.571	557.258	557.182	557.044	556.950	13
14	556.281	556.190	556.924	557.393	557.439	557.478	557.400	557.573	557.245	557.174	557.034	556.948	14
15	556.279	556.188	556.996	557.396	557.454	557.465	557.404	557.563	557.247	557.174	557.036	556.947	15
16	556.280	556.188	557.049	557.393	557.449	557.461	557.400	557.550	557.240	557.173	557.030	556.944	16
17	556.282	556.180	557.098	557.393	557.460	557.457	557.419	557.542	557.234	557.170	557.028	556.939	17
18	556.284	556.178	557.136	557.389	557.469	557.451	557.420	557.535A	557.229	557.166	557.027	556.938	18
19	556.289	556.177	557.171	557.388	557.482	557.444	557.413	557.524A	557.236	557.161	557.023	556.937	19
20	556.285	556.175	557.198	557.389	557.498	557.445	557.413	557.503A	557.244	557.157	557.023	556.936	20
21	556.280	556.172	557.223	557.390	557.511	557.447	557.414	557.497	557.244	557.155	557.024	556.934	21
22	556.276	556.171	557.252	557.390	557.513	557.440	557.417A	557.479A	557.238	557.148	557.013	556.932	22
23	556.275	556.171	557.277	557.384	557.527	557.432	557.419A	557.473A	557.233	557.143	557.018	556.929	23
24	556.262	556.169	557.303	557.386	557.540	557.429	557.404	557.462A	557.229	557.141	557.020	556.924	24
25	556.254	556.172	557.315	557.382	557.553	557.420	557.407	557.447	557.250	557.139	557.010	556.921	25
26	556.253	556.179	557.338	557.373	557.570	557.412	557.414	557.437	557.248	557.135	557.012	556.920	26
27	556.252	556.187	557.359	557.368	557.570	557.405	557.415	557.428A	557.245	557.134	557.009	556.918	27
28	556.250	556.205	557.375	557.368	557.576	557.395	557.448	557.421	557.242	557.125	557.007	556.914	28
29	556.247		557.381	557.366	557.580	557.383	557.457	557.411A	557.238	557.120	557.002	556.914	29
30	556.247		557.396	557.358	557.583	557.376	557.457	557.404	557.237	557.117	556.998	556.910	30
31	556.247		557.401		557.579		557.459	557.389		557.104		556.900	31
MEAN	556.279	556.200	556.980	557.396	557.454	557.476	557.404	557.509	557.272	557.173	557.045	556.944	MEAN
MAX	556.309	556.244	557.401	557.425	557.583	557.571	557.459	557.583	557.377	557.234	557.105	556.998	MAX
MIN	556.247	556.169	556.256	557.358	557.328	557.376	557.364	557.389	557.229	557.104	556.988	556.900	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 557.099
MAXIMUM DAILY, 557.583 ON MAY 30
MINIMUM DAILY, 556.169 ON FEB 24
MAXIMUM INSTANTANEOUS,
557.590 AT 17 41 CST ON AUG 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 49 N
LONG 103 01 28 W

A - MANUAL GAUGE

REGULATED SINCE 1958

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1978 ADJ.)
APPLY -000.018 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - MINIMUM DAILY VALUE OF 556.169 m WAS THE LOWEST SINCE THE RESERVOIR ORIGINALLY FILLED IN 1959

BOXELDER CREEK NEAR WALSH - STATION NO. 05AH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.809	0	0	0	0	0	0	0.343	0.004	---	1
2	---	0 B	0.597	0	0	0	0	0	0	0.244	0.016	---	2
3	---	0 B	0.366	0	0	0	0	0	0	0.201	0.034	---	3
4	---	0 B	0.249	0	0	0	0	0	0	0.156	0.060	---	4
5	---	0 B	0.187A	0	0	0	0	0	0	0.125	0.093	---	5
6	---	0 B	0.163E	0	0	0	0	0	0	0.101	0.088	---	6
7	---	0 B	0.112E	0	0	0	0	0	0	0.085	0.1178	---	7
8	---	0 B	0.134E	0	0.034	0	0	0	0	0.073	0.1908	---	8
9	---	0 B	0.172A	0	0.074	0	0	0	0	0.065	0.2248	---	9
10	---	0 B	0.102E	0	0.080	0	0	0	0	0.095	0.0908	---	10
11	---	0 B	0.054A	0	0.110	0	0	0	0	0.228	0.0588	---	11
12	---	0 B	0.078	0	0.202	0	0	0	0	0.116	0.0428	---	12
13	---	0 B	0.058	0	0.177	0	0	0	0	0.086	0.0348	---	13
14	0.3428	0 B	0.039	0	0.177	0	0	0	0	0.075	0.0208	---	14
15	---	0 B	0.026	0	0.115	0	0	0	0	0.063	0.0178	---	15
16	0.0548	0 B	0.060	0	0.107	0	0	0	0	0.055	0.0198	---	16
17	---	0 B	0.086	0	0.124	0	0	0	0	0.049	0.0198	---	17
18	---	0 B	0.061	0	0.166	0	0	0	0	0.041	0.0128	---	18
19	---	0 B	0.045	0	0.265	0	0	0	0	0.036	0.0078	---	19
20	0.0038	0 B	0.032	0	0.262	0	0	0	0	0.034	0.0178	---	20
21	---	0 B	0.009	0	0.252	0	0	0	0	0.026	0.0688	---	21
22	---	0 B	0	0	0.188	0	0	0	0	0.017	0.2058	---	22
23	---	0 B	0	0	0.245	0	0	0	0	0.012	0.1638	---	23
24	---	0 B	0	0	0.611	0	0	0	0	0.011	0.2058	---	24
25	---	0.0808	0	0	0.857	0	0	0	0.165	0.006	0.3648	---	25
26	---	2.64 B	0	0	0.460	0	0	0	11.3	0.004	0.4938	---	26
27	---	2.32	0	0	0.207	0	0	0	6.58	0.028	0.4708	---	27
28	0 B	1.38	0	0	0.095	0	0	0	2.74	0.036	0.4508	---	28
29	0 B		0	0	0.052	0	0	0	1.26	0.016	0.4208	---	29
30	0 B		0	0	0.026	0	0	0	0.618	0.008	0.4008	---	30
31	0 B		E		0.005		0	0		0.003		---	31
TOTAL	---	6.420	3.508	0	4.891	0	0	0	22.663	2.439	4.399	---	TOTAL
MEAN	---	0.229	0.113	0	0.158	0	0	0	0.755	0.079	0.147	---	MEAN
MAX	---	2.64	0.809	0	0.857	0	0	0	11.3	0.343	0.493	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0.003	0.004	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.146
MAXIMUM DAILY, 11.3 ON SEP 26
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
19.4 AT 09:20 MST ON SEP 26

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 57 39 N
LONG 109 59 19 W
DRAINAGE AREA, 319 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	555	AUG	0
MAR	303	SEP	1 960
APR	0	OCT	211
MAY	423	NOV	380
JUN	0	DEC	---

TOTAL DISCHARGE, 3 450 dam³

BRIDGE CREEK AT GULL LAKE - STATION NO. 05HA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.376B	0.015	0	0.008	0	0	0	0	---	---	1
2	---	0 B	0.348A	0.012	0	0.005	0	0	0	0	---	---	2
3	---	0 B	0.265E	0.010	0	0.003	0	0	0	0	---	---	3
4	---	0 B	0.163A	0.008	0	0.002	0	0	0	0	---	---	4
5	---	0 B	0.145B	0.007	0.002	0.001	0	0	0	0	---	---	5
6	---	0 B	0.120B	0.005	0.002	0	0	0	0	0	---	---	6
7	---	0 B	0.100B	0.003	0.006	0	0	0	0	0	---	---	7
8	---	0 B	0.085B	0.003	0.012	0	0	0	0	0	---	---	8
9	---	0 B	0.075B	0.039	0.018	0	0	0	0	0	---	---	9
10	---	0 B	0.063A	0.044	0.027	0	0	0	0	0	---	---	10
11	---	0 B	0.050	0.024	0.059	0	0	0	0	0	---	---	11
12	---	0 B	0.043	0.0168	0.086	0	0	0	0	0	---	---	12
13	---	0 B	0.051	0.0108	0.110	0	0	0	0	0	---	---	13
14	---	0 B	0.093	0.0078	0.100	0	0	0	0	0	---	---	14
15	---	0 B	0.117	0.0088	0.078	0	0	0	0	0	---	---	15
16	---	0 B	0.127	0.005	0.370	0	0	0	0	0	---	---	16
17	---	0 B	0.108	0.006	0.058	0	0.029	0	0	0	---	---	17
18	---	0 B	0.090	0.005	0.035	0	0.073	0	0	0	---	---	18
19	---	0 B	0.072	0.004	0.021	0	0.185	0	0	0	---	---	19
20	---	0 B	0.059	0.003	0.014	0	0.094	0	0	0	---	---	20
21	---	0 B	0.052	0.003	0.009	0	0.020	0	0	0	---	---	21
22	---	0 B	0.054	0.002	0.058	0	0.005	0	0	0	---	---	22
23	---	0 B	0.053	0.002	0.154	0	0.002	0	0	0	---	---	23
24	---	0.0468	0.044	0.001	0.117	0	0.008	0	0	0	---	---	24
25	---	0.3688	0.033	0.001	0.083	0	0.006	0	0	0	---	---	25
26	---	1.58 B	0.025	0.001	0.061	0	0.004	0	0	0	---	---	26
27	---	1.24 B	0.023	0.001	0.041	0	0.003	0	0	0	---	---	27
28	---	0.4088	0.021	0	0.026	0	0.002	0	0	0	---	---	28
29	---		0.021	0	0.020	0	0.001	0	0	0	---	---	29
30	---		0.018	0	0.015	0	0	0	0	0	---	---	30
31	---		0.017		0.011		0	0		0		---	31
TOTAL	---	3.842	2.922	0.245	1.293	0.019	0.432	0	0	0	---	---	TOTAL
MEAN	---	0.130	0.094	0.008	0.042	0.001	0.014	0	0	0	---	---	MEAN
MAX	---	1.58	0.376	0.044	0.154	0.008	0.185	0	0	0	---	---	MAX
MIN	---	0	0.017	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.031
MAXIMUM DAILY, 1.588 ON FEB 26
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
2.41B AT 17:45 CST ON FEB 26

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 05 36 N
LONG 108 29 38 W
DRAINAGE AREA, 379 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	37.3
FEB	315	AUG	0
MAR	252	SEP	0
APR	21.2	OCT	0
MAY	112	NOV	---
JUN	1.84	DEC	---

TOTAL DISCHARGE, 738 dam³

REMARKS - SIGNIFICANT RUNOFF INCLUDING THE PEAK DISCHARGE OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

BRIGHTSAND LAKE NEAR ST. WALBURG - STATION NO. 05EG010

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	663.214	663.228	663.329	663.230	663.148	663.127	---	1
2	---	---	---	---	---	663.216	663.224	663.341	663.223	663.147E	663.121	---	2
3	---	---	---	---	---	663.217	663.221	663.350	663.218	663.146	663.112	---	3
4	---	---	---	---	---	663.216	663.218	663.355	663.219	663.141	663.109	---	4
5	---	---	---	---	---	663.215	663.218	663.355	663.219	663.140	663.109	---	5
6	---	---	---	---	---	663.215	663.218	663.358	663.218	663.139	663.109	---	6
7	---	---	---	---	---	663.215	663.215	663.361	663.218	663.139E	---	---	7
8	---	---	---	---	---	663.215	663.213	663.360	663.216	663.139E	---	---	8
9	---	---	---	---	---	663.215	663.212	663.354	663.211	663.139	---	---	9
10	---	---	---	---	---	663.214	663.213	663.343	663.208	663.136E	---	---	10
11	---	---	---	---	---	663.213	663.214	663.332	663.203	663.133E	---	---	11
12	---	---	---	---	---	663.211	663.217	663.331	663.190	663.129	---	---	12
13	---	---	---	---	---	663.207	663.223	663.316	663.198	663.129E	---	---	13
14	---	---	---	---	---	663.206	663.223	663.320	663.195	663.128E	---	---	14
15	---	---	---	---	---	663.206	663.227	663.315	663.189	663.127	---	---	15
16	---	---	---	---	---	663.201	663.235	663.308	663.188	663.128E	---	---	16
17	---	---	---	---	---	663.198	663.240	663.307	663.188	663.128E	---	---	17
18	---	---	---	---	---	663.185	663.251	663.302	663.182	663.126	---	---	18
19	---	---	---	---	---	663.195	663.257	663.291	663.178	663.128E	---	---	19
20	---	---	---	---	---	663.208	663.259	663.282	663.175	663.127	---	---	20
21	---	---	---	---	---	663.216	663.254	663.271	663.173	663.128E	---	---	21
22	---	---	---	---	663.222	663.217	663.251	663.271	663.171	663.129	---	---	22
23	---	---	---	---	663.224	663.217	663.254	663.271	663.159	663.129E	---	---	23
24	---	---	---	---	663.224	663.217	663.253	663.265E	663.148	663.129	---	---	24
25	---	---	---	---	663.220	663.217	663.260	663.260	663.149	663.129	---	---	25
26	---	---	---	---	663.216	663.217	663.271	663.257	663.149	663.128	---	---	26
27	---	---	---	---	663.214	663.217	663.278	663.255	663.149	663.128	---	---	27
28	---	---	---	---	663.214	663.220	663.288	663.253	663.149	663.127	---	---	28
29	---		---	---	663.214	663.226	663.297	663.252	663.149	663.110	---	---	29
30	---		---	---	663.213	663.227	663.315	663.241	663.151	663.127E	---	---	30
31	---		---		663.213		663.329	663.239		663.127		---	31
MEAN	---	---	---	---	---	663.212	663.244	663.305	663.187	663.132	---	---	MEAN
MAX	---	---	---	---	---	663.227	663.329	663.361	663.230	663.148	---	---	MAX
MIN	---	---	---	---	---	663.185	663.212	663.239	663.148	663.110	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 663.361 ON AUG 7

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 38 36 N
LONG 108 50 46 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BRIGHTWATER CREEK NEAR KENASTON - STATION NO. 05HG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.401	0.015	0	0	0	0	0	---	---	1
2	---	---	0.404B	0.277	0.010	0	0	0	0	0	---	---	2
3	---	---	1.38 B	0.235	0.004	0	0	0	0	0	---	---	3
4	---	---	2.14 B	0.199	0.001	0	0	0	0	0	---	---	4
5	---	---	2.55 B	0.143	0.001	0	0	0	0	0	---	---	5
6	---	---	1.32 B	0.088	0	0	0	0	0	0	---	---	6
7	---	---	0.842B	0.066	0	0	0	0	0	0	---	---	7
8	---	---	0.622B	0.047	0	0	0	0	0	0	---	---	8
9	---	---	0.479B	0.037	0	0	0	0	0	0	---	---	9
10	---	---	0.393B	0.024	0	0	0	0	0	0	---	---	10
11	---	---	0.332B	0.013	0.002	0	0	0	0	0	---	---	11
12	---	---	0.305B	0.005	0.004	0	0	0	0	0	---	---	12
13	---	---	0.266B	0.0108	0.004	0	0	0	0	0	---	---	13
14	---	---	0.294B	0.0118	0.004	0	0	0	0	0	---	---	14
15	---	---	0.384B	0.0218	0.005	0	0	0	0	0	---	---	15
16	---	---	0.560B	0.043B	0.004	0	0	0	0	0	---	---	16
17	---	---	0.574B	0.058	0.002	0	0	0	0	0	---	---	17
18	---	---	0.562B	0.048	0.001	0	0	0	0	0	---	---	18
19	---	---	0.676B	0.121	0	0	0	0	0	0	---	---	19
20	---	---	1.01 B	0.082	0	0	0	0	0	0	---	---	20
21	---	---	1.04 B	0.045	0	0	0	0	0	0	---	---	21
22	---	---	0.604B	0.021	0	0	0	0	0	0	---	---	22
23	---	---	0.442B	0.010	0	0	0	0	0	0	---	---	23
24	---	---	0.493B	0.005	0	0	0	0	0	0	---	---	24
25	---	---	0.404B	0.002	0	0	0	0	0	0	---	---	25
26	---	---	0.547B	0.042	0	0	0	0	0	0	---	---	26
27	---	---	0.484B	0.075	0	0	0	0	0	0	---	---	27
28	---	---	0.435	0.055	0	0	0	0	0	0	---	---	28
29	---		0.454	0.042	0	0	0	0	0	0	---	---	29
30	---		0.554	0.026	0	0	0	0	0	0	---	---	30
31	---		0.526		0		0	0		0		---	31
TOTAL	---	---	21.157	2.263	0.057	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.682	0.075	0.002	0	0	0	0	0	---	---	MEAN
MAX	---	---	2.55	0.401	0.015	0	0	0	0	0	---	---	MAX
MIN	---	---	0.001	0.002	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.086
MAXIMUM DAILY, 2.55B ON MAR 5
MINIMUM DAILY, 0 ON MAY 6
MAXIMUM INSTANTANEOUS,
3.308 AT 14:15 CST ON MAR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 45 N
LONG 108 30 03 W
DRAINAGE AREA, 900 km^2

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1 830	SEP	0
APR	196	OCT	0
MAY	4.92	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 2 030 dam^3

BRIGHTWATER CREEK NEAR PROCTOR LAKE - STATION NO. 05HG020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	3.05	0	0	0	0	0	0	---	---	1
2	---	---	0 B	2.99	0	0	0	0	0	0	---	---	2
3	---	---	0 B	3.09	0	0	0	0	0	0	---	---	3
4	---	---	0 B	3.10	0	0	0	0	0	0	---	---	4
5	---	---	0 B	3.02	0	0	0	0	0	0	---	---	5
6	---	---	0 B	2.94	0	0	0	0	0	0	---	---	6
7	---	---	0 B	2.88	0	0	0	0	0	0	---	---	7
8	---	---	0 B	2.43	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.354A	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.002A	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.001E	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0 E	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0 E	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0 E	0	0	0 051	0	0	0	---	---	14
15	---	---	0 B	0 E	0	0	0 008	0	0	0	---	---	15
16	---	---	0 B	0 E	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0 E	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0 E	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0 E	0	0	0	0	0	0	---	---	19
20	---	---	0 1008	0 E	0	0	0	0	0	0	---	---	20
21	---	---	0 3418	0 E	0	0	0	0	0	0	---	---	21
22	---	---	1 34 B	0 E	0	0	0	0	0	0	---	---	22
23	---	---	3 13 B	0 E	0	0	0	0	0	0	---	---	23
24	---	---	3 69 B	0	0	0	0	0	0	0	---	---	24
25	---	---	3 65 B	0	0	0	0	0	0	0	---	---	25
26	---	---	3 60 B	0	0	0	0	0	0	0	---	---	26
27	---	---	3 55 B	0	0	0	0	0	0	0	---	---	27
28	---	---	3 53	0	0	0	0	0	0	0	---	---	28
29	---		3 45	0	0	0	0	0	0	0	---	---	29
30	---		3 32	0	0	0	0	0	0	0	---	---	30
31	---		3 10		0		0	0		0		---	31
TOTAL	---	---	32.801	23 857	0	0	0 059	0	0	0	---	---	TOTAL
MEAN	---	---	1 06	0 795	0	0	0 002	0	0	0	---	---	MEAN
MAX	---	---	3.69	3.10	0	0	0 051	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 231
MAXIMUM DAILY, 3 698 ON MAR 24
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4 168 AT 21 30 CST ON MAR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 42 48 N
LONG 106 35 38 W
DRAINAGE AREA, 1 750 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	5 10
FEB	---	AUG	0
MAR	2 830	SEP	0
APR	2 060	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE 4 900 dam³

BRODERICK IRRIGATION PROJECT MAIN CANAL BELOW PUMPING STATION - STATION NO. 05HF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	5 47	14 0	6 05	1 51	0	---	---	1
2	---	---	0	0	0	5 48	15 3	2 90	0	0	---	---	2
3	---	---	0	0	0	5 50	15 4	0 828	0	0	---	---	3
4	---	---	0	0	0	5 51	15 4	0 614	1 26	0	---	---	4
5	---	---	0	0	3 51	5 54	15 4	0 714	0	0	---	---	5
6	---	---	0	0	5 28	5 57	15 4	0 614	0	0	---	---	6
7	---	---	0	0	5 28	5 60	15 4	2 18	0	0	---	---	7
8	---	---	0	0	5 28	5 63	15 5	0 767	0	0	---	---	8
9	---	---	0	0	5 30	5 65	15 5	0	0	0	---	---	9
10	---	---	0	0	5 30	5 70	15 5	0	4 28	0	---	---	10
11	---	---	0	0	5 31	5 73	15 5	3 91	6 05	0	---	---	11
12	---	---	0	0	5 31	5 75	15 5	6 05	6 05	0	---	---	12
13	---	---	0	0	2 87	5 77	15 5	6 05	6 05	0	---	---	13
14	---	---	0	0	0	5 80	15 6	6 05	6 05	0	---	---	14
15	---	---	0	0	0	5 81	15 6	6 05	6 05	0	---	---	15
16	---	---	0	0	0	8 70	15 6	6 05	6 05	0	---	---	16
17	---	---	0	0	0	10 5	12 7	6 05	6 05	0	---	---	17
18	---	---	0	0	0 743	10 5	10 9	6 05	6 05	0	---	---	18
19	---	---	0	0	0	10 5	10 9	6 05	6 05	0	---	---	19
20	---	---	0	0	0.457	10 5	10 9	6 05	6 05	0	---	---	20
21	---	---	0	0	0	10 5	10 9	6 05	3 03	0	---	---	21
22	---	---	0	0	0.457	10 5	10 9	6 05	0	0	---	---	22
23	---	---	0	0	3.11	10 6	10 9	6 05	0	0	---	---	23
24	---	---	0	0	5 36	10.6	10 9	6 05	0	0	---	---	24
25	---	---	0	0	5 37	10.6	10.9	6 05	0	0	---	---	25
26	---	---	0	0	5 38	10 6	10 9	6 05	0	0	---	---	26
27	---	---	0	0	5.40	10.6	10 5	6 05	0	0	---	---	27
28	---	---	0	0	5.41	6.60	10 9	6 05	0	0	---	---	28
29	---		0	0	5.43	9.27	7 44	2 14	0	0	---	---	29
30	---		0	0	5.44	10.7	6 05	0	0	0	---	---	30
31	---		0		5.45		6 05	0		0		---	31
TOTAL	---	---	0	0	91.447	235.78	388.24	123.557	70 58	0	---	---	TOTAL
MEAN	---	---	0	0	2.95	7 86	12 8	3.99	2.35	0	---	---	MEAN
MAX	---	---	0	0	5.45	10 7	15 6	6.05	6 05	0	---	---	MAX
MIN	---	---	0	0	0	5 47	6 05	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.75
MAXIMUM DAILY, 15.6 ON JUL 14
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 17 07 N
LONG 106 50 10 W

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	34 400
FEB	---	AUG	10 700
MAR	0	SEP	5 100
APR	0	OCT	0
MAY	7 900	NOV	---
JUN	20 400	DEC	---

TOTAL DISCHARGE, 78 500 dam³

BRODERICK RESERVOIR AT WEST EMBANKMENT - STATION NO. 05HF017

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	563.096	563.014	563.567	562.678	563.392	562.994	563.133	563.097	---	1
2	---	---	---	563.095	562.994	563.593	562.671	563.422	562.920	563.133	563.100	---	2
3	---	---	---	563.088	562.978	563.588	562.685	563.373	562.846	563.128	563.103A	---	3
4	---	---	---	563.085	562.968	563.585	562.883	563.298	562.774	563.132	---	---	4
5	---	---	---	563.092	562.947	563.601	562.684	563.218	562.720	563.126	---	---	5
6	---	---	---	563.092	562.981	563.611	562.652	563.146	562.883	563.132	---	---	6
7	---	---	---	563.090	563.045	563.645	562.684	563.084	562.807	563.132	---	---	7
8	---	---	---	563.088	563.089	563.682	562.667	562.988	562.547	563.131	---	---	8
9	---	---	---	563.090	563.140	563.728	562.614	562.898	562.480	563.128	---	---	9
10	---	---	---	563.088	563.219	563.769	562.541	562.814	562.424	563.128	---	---	10
11	---	---	---	563.082	563.310	563.786	562.470	562.734	562.470	563.123	---	---	11
12	---	---	---	563.075	563.393	563.784	562.441	562.740	562.585	563.121	---	---	12
13	---	---	---	563.071	563.487	563.776	562.482	562.773	562.627	563.122	---	---	13
14	---	---	---	563.071	563.487	563.727	562.579	562.793	562.698	563.121	---	---	14
15	---	---	---	563.088	563.465	563.672	562.599	562.814	562.776	563.123	---	---	15
16	---	---	---	563.067	563.439	563.636	562.817	562.829	562.864	563.124	---	---	16
17	---	---	---	563.089	563.420	563.670	562.956	562.838	562.988	563.123	---	---	17
18	---	---	563.081A	563.067	563.399	563.702	563.057	562.858	563.080	563.121	---	---	18
19	---	---	563.058	563.085	563.372	563.703	563.178	562.878	563.177	563.121	---	---	19
20	---	---	563.081	563.061	563.343	563.712	563.298	562.900	563.278	563.121	---	---	20
21	---	---	563.084	563.059	56_.304	563.693	563.408	562.931	563.379	563.118	---	---	21
22	---	---	563.068	563.062	563.252	563.659	563.495	562.982	563.366	563.118	---	---	22
23	---	---	563.065	563.055	563.219	563.633	563.549	562.995	563.321	563.117	---	---	23
24	---	---	563.069	563.047	563.284	563.577	563.536	563.033	563.276	563.114	---	---	24
25	---	---	563.073	563.045	563.374	563.495	563.490	563.070	563.230	563.114	---	---	25
26	---	---	563.073	563.044	563.466	563.369	563.433	563.116	563.201	563.115	---	---	26
27	---	---	563.079	563.040	563.542	563.249	563.379	563.162	563.176	563.113	---	---	27
28	---	---	563.081	563.038	563.600	563.127	563.386	563.202	563.150	563.112	---	---	28
29	---		563.090	563.029	563.635	562.906	563.394	563.218	563.126	563.107	---	---	29
30	---		563.087	563.026	563.635	562.778	563.384	563.152	563.120	563.107	---	---	30
31	---		563.096		563.613		563.367	563.075		563.101		---	31
MEAN	---	---	---	563.068	563.304	563.568	562.877	563.022	562.827	563.121	---	---	MEAN
MAX	---	---	---	563.096	563.635	563.786	563.549	563.422	563.378	563.133	---	---	MAX
MIN	---	---	---	563.026	562.947	562.778	562.441	562.734	562.424	563.101	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 563.786 ON JUN 11
MINIMUM DAILY, 562.424 ON SEP 10
MAXIMUM INSTANTANEOUS,
563.797 AT 14:43 CST ON JUN 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 27 55 N
LONG 105 55 18 W

A - MANUAL GAUGE

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BROKENSHELL CREEK NEAR TROSSACHS - STATION NO. 05JE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	2.70 A	0.010	0	0	0	0	0	0	0	---	1
2	---	0 B	2.94 A	0.005	0	0	0	0	0	0	0	---	2
3	---	0 B	2.55	0.001	0	0	0	0	0	0	0	---	3
4	---	0 B	1.83 A	0	0	0	0	0	0	0	0	---	4
5	---	0 B	1.11 B	0	0	0	0	0	0	0	---	---	5
6	---	0 B	0.5688	0.003	0.075	0	0	0	0	0	---	---	6
7	---	0 B	0.3368	0.002	0.323	0	0	0	0	0	---	---	7
8	---	0 B	0.2508	0	0.206	0	0	0	0	0	---	---	8
9	---	0 B	0.2108	0	0.218	0	0	0	0	0	---	---	9
10	---	0 B	0.1988	0	1.44	0	0	0	0	0	---	---	10
11	---	0 B	0.171	0	1.57	0	0	0	0	0	---	---	11
12	---	0 B	0.154	0	0.547	0	0	0	0	0	---	---	12
13	---	0 B	0.133	0	0.285	0	0	0	0	0	---	---	13
14	---	0 B	0.202	0	0.113	0	0	0	0	0	---	---	14
15	---	0 B	0.239	0	0.073	0	0	0	0	0	---	---	15
16	---	0 B	0.177	0	0.046	0	0	0	0	0	---	---	16
17	---	0 B	0.100	0	0.016	0	0	0	0	0	---	---	17
18	---	0 B	0.078	0	0.022	0	0	0	0	0	---	---	18
19	---	0 B	0.056	0	0.034	0	0	0	0	0	---	---	19
20	---	0 B	0.033	0	0.021	0	0	0	0	0	---	---	20
21	---	0 B	0.025	0	0.008	0	0	0	0	0	---	---	21
22	---	0 B	0.022	0	0.006	0	0	0	0	0	---	---	22
23	---	0 B	0.018	0	0.016	0	0	0	0	0	---	---	23
24	---	0 B	0.011	0	0.011	0	0	0	0	0	---	---	24
25	---	0.0508	0.027	0	0.006	0	0	0	0	0	---	---	25
26	---	0.8978	0.038	0	0.004	0	0	0	0	0	---	---	26
27	---	3.53 B	0.032	0	0.002	0	0	0	0	0	---	---	27
28	---	3.93	0.017	0	0.001	0	0	0	0	0	---	---	28
29	---		0.008	0	0	0	0	0	0	0	---	---	29
30	---		0.005	0	0	0	0	0	0	0	---	---	30
31	---		0.003		0		0	0		0		---	31
TOTAL	---	8.407	14.449	0.021	5.044	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.300	0.466	0.001	0.163	0	0	0	0	0	---	---	MEAN
MAX	---	3.93	2.94	0.010	1.57	0	0	0	0	0	---	---	MAX
MIN	---	0	0.003	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.102
MAXIMUM DAILY, 3.93 ON FEB 28
MINIMUM DAILY, 08 ON FEB 1
MAXIMUM INSTANTANEOUS,
5.30 AT 00:06 CST ON FEB 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 55 N
LONG 104 13 07 W
DRAINAGE AREA, 153 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	726	AUG	0
MAR	1 250	SEP	0
APR	1.81	OCT	0
MAY	436	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 2 410 dam³

REMARKS - SIGNIFICANT RUNOFF INCLUDING THE PEAK DISCHARGE OCCURRED OUTSIDE THE STANDARD PERIOD

BUFFALO POUND LAKE AT PUMPING STATION - STATION NO. 05JC009

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	509.384	509.304	509.294	509.504	509.446	509.409	509.376	509.273	509.228	509.431	509.331	509.303	1
2	509.383	509.301	509.318	509.508	509.425	509.433	509.356	509.271	509.245	509.432	509.327	509.305	2
3	509.381	509.301	509.352	509.504	509.430	509.461	509.379	509.270	509.256	509.402	509.323	509.301	3
4	509.356	509.298	509.390	509.503	509.470	509.446	509.385	509.277	509.283	509.423	509.338	509.300	4
5	509.353	509.298	509.422	509.504	509.530	509.482	509.379	509.274	509.272	509.410	509.337	509.301	5
6	509.348	509.298	509.443	509.504	509.524	509.470A	509.372	509.281	509.274	509.418	509.329	509.299	6
7	509.347	509.296	509.450	509.500	509.513	509.458	509.336	509.281	509.275	509.419	509.317	509.302	7
8	509.344	509.294	509.456	509.497	509.513	509.422	509.338	509.278	509.269	509.407	509.345	509.302	8
9	509.339	509.291	509.463	509.493	509.543	509.457	509.323	509.277	509.270	509.385	509.340	509.298	9
10	509.337	509.291	509.466	509.500	509.553	509.451	509.332	509.252	509.274	509.451	509.318	509.299	10
11	509.336	509.289	509.469	509.504	509.561	509.466	509.336	509.244	509.288	509.395	509.315	509.297	11
12	509.331	509.289	509.471	509.486	509.573	509.476	509.370	509.248	509.309	509.384	509.316	509.291	12
13	509.330	509.288	509.472	509.483	509.546	509.437	509.390	509.261	509.293	509.392	509.314	509.294	13
14	509.328	509.284	509.474	509.478	509.543	509.418	509.384	509.250	509.298	509.382	509.313	509.292	14
15	509.327	509.283	509.476	509.444	509.550	509.410	509.383	509.280	509.297	509.384	509.310	509.291	15
16	509.327	509.285	509.478	509.426	509.561	509.404	509.384	509.285	509.319	509.372	509.310	509.292	16
17	509.325	509.287	509.478	500.471	509.513	509.404	509.359	509.218	509.344	509.386	509.307	509.289	17
18	509.323	509.285	509.487	509.476	509.514	509.414	509.380	509.230	509.346	509.373	509.302	509.289	18
19	509.324	509.287	509.437	509.480	509.505	509.432	509.372	509.267	509.350	509.387	509.310	509.287	19
20	509.321	509.282	509.489	500.480	509.475	509.415	509.381	509.237	509.383	509.383	509.309	509.286	20
21	509.317	509.282	509.490	509.444	509.381	509.434	509.357	509.218	509.402	509.386	509.309	509.284	21
22	509.315	509.278	509.492	509.458	509.410	509.427	509.330	509.231	509.408	509.359	509.308	509.284	22
23	509.314	509.276	509.493	509.476	509.471	509.404	509.370	509.206	509.414	509.349	509.307	509.284	23
24	509.318	509.272	509.493	509.445	509.464	509.401	509.352	509.236	509.397	509.334	509.308	509.283	24
25	509.315	509.272	509.491	509.434	509.445	509.398	509.338	509.238	509.418	509.347	509.307	509.281	25
26	509.308	509.272	509.494	509.431	509.438	509.394	509.328	509.235	509.416	509.348	509.304	509.282	26
27	509.310	509.274	509.493	509.427	509.421	509.374	509.304	509.234	509.431	509.357	509.303	509.283	27
28	509.311	509.278	509.495	509.432	509.433	509.368	509.311	509.232	509.436	509.342	509.304	509.282	28
29	509.309		509.496	509.440	509.439	509.327	509.312	509.241	509.438	509.326	509.304	509.279	29
30	509.305		509.499	509.455	509.437	509.347	509.327	509.252	509.427	509.323	509.303	509.280	30
31	509.305		509.503		509.453		509.287	509.255		509.388		509.281	31
MEAN	509.329	509.287	509.460	509.472	509.487	509.420	509.351	509.251	509.336	509.380	509.316	509.291	MEAN
MAX	509.384	509.304	509.503	509.508	509.573	509.476	509.390	509.291	509.439	509.451	509.345	509.305	MAX
MIN	509.305	509.272	509.294	509.426	509.381	509.327	509.287	509.206	509.228	509.323	509.302	509.279	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 509.385
MAXIMUM DAILY, 509.573 ON MAY 12
MINIMUM DAILY, 509.206 ON AUG 23
MAXIMUM INSTANTANEOUS,
509.648 AT 18:03 CST ON JUN 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 00 N
LONG 105 23 10 W

A - MANUAL GAUGE

REGULATED

DRAINAGE AREA,
3 310 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

BURNTOUT BROOK NEAR ARBORFIELD - STATION NO. 05KB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	8.98 B	0.655	0.208	0	0	0	0	---	---	1
2	---	---	0 B	4.77 B	0.567	0.152	0	0	0	0	---	---	2
3	---	---	0 B	3.80 B	0.468	0.159	0	0	0	0	---	---	3
4	---	---	0 B	3.67 B	0.370	0.151	0	0	0	0	---	---	4
5	---	---	0 B	7.13 B	0.286	0.088	0	0	0	0	---	---	5
6	---	---	0 B	12.0	0.235	0.032	0	0	0	0	---	---	6
7	---	---	0 B	18.3	0.181	0.008	0	0	0	0	---	---	7
8	---	---	0 B	19.2	0.143	0.002	0	0	0	0	---	---	8
9	---	---	0 B	13.0	0.213	0.022	0	0	0	0	---	---	9
10	---	---	0 B	8.85	0.484	0.002	0	0	0	0	---	---	10
11	---	---	0 B	5.45	0.518	0.007	0	0	0	0	---	---	11
12	---	---	0 B	3.73	0.681	0.017	0	0	0	0	---	---	12
13	---	---	0 B	2.89	0.597	0.298	0	0	0	0	---	---	13
14	---	---	0 B	2.30	0.589	1.14	0	0	0	0	---	---	14
15	---	---	0 B	1.62	0.651	1.12	0	0	0	0	---	---	15
16	---	---	0 B	0.926	0.715	1.10	0	0	0	0	---	---	16
17	---	---	0 B	0.964A	0.745	0.813	0	0	0	0	---	---	17
18	---	---	0 B	1.31 A	0.753	0.560	0	0	0	0	---	---	18
19	---	---	0 B	1.43	0.812	0.430	0	0	0	0	---	---	19
20	---	---	0 B	1.44	0.692	0.292	0	0	0	0	---	---	20
21	---	---	0 B	1.41	0.595	0.277	0	0	0	0	---	---	21
22	---	---	0 B	1.38	0.580	0.307	0	0	0	0	---	---	22
23	---	---	0 B	1.38	0.889	0.358	0	0	0	0.183	---	---	23
24	---	---	0 B	1.31	0.598	0.174	0	0	0	0.325	---	---	24
25	---	---	0 B	1.20	0.480	0.053	0	0	0	0.358	---	---	25
26	---	---	0 B	1.12	0.442	0.025	0	0	0	0.222	---	---	26
27	---	---	0 B	1.07	0.356	0	0	0	0	0.081	---	---	27
28	---	---	0.010E	1.01	0.290	0	0	0	0	0.131	---	---	28
29	---		0.100E	0.883	0.253	0	0	0	0	0.064A	---	---	29
30	---		2.98 B	0.734	0.259	0	0	0	0	0.030E	---	---	30
31	---		5.00 B		0.235		0	0		0.010E		---	31
TOTAL	---	---	8.100	134.117	15.092	7.805	0	0	0	1.382	---	---	TOTAL
MEAN	---	---	0.261	4.47	0.487	0.260	0	0	0	0.045	---	---	MEAN
MAX	---	---	5.00	19.2	0.812	1.14	0	0	0	0.358	---	---	MAX
MIN	---	---	0	0.734	0.143	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.880
MAXIMUM DAILY, 19.2 ON APR 8
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
22.0 AT 15:32 CST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 05 15 N
LONG 103 40 45 W
DRAINAGE AREA, 305 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	700	SEP	0
APR	11 600	OCT	119
MAY	1 300	NOV	---
JUN	674	DEC	---

TOTAL DISCHARGE, 14 400 dam³

CANDLE LAKE AT CANDLE LAKE - STATION NO. 05KE005

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	494.397E	494.421A	494.484	494.376	494.338	494.355	494.268	494.228	494.185	---	1
2	---	---	494.397E	494.422A	494.488	494.371	494.334	494.355	494.267	494.221	494.189	---	2
3	---	---	494.397E	494.424A	494.492	494.362	494.340	494.357	494.266	494.221	494.186	---	3
4	---	---	494.397A	494.425	494.490	494.356	494.343	494.361	494.271	494.217	494.188	---	4
5	---	---	494.398A	494.427	494.491	494.357	494.336	494.373	494.248	494.221	494.183	---	5
6	---	---	494.398E	494.429	494.498	494.352	494.335	494.372	494.252	494.220	494.187A	---	6
7	---	---	494.401E	494.431	494.498	494.351	494.328	494.367	494.248	494.204	---	---	7
8	---	---	494.404E	494.432	494.501	494.355	494.329	494.371	494.239	494.220	---	---	8
9	---	---	494.407A	494.436	494.513	494.361	494.330	494.366	494.238	494.226	---	---	9
10	---	---	494.408A	494.434	494.523	494.357	494.328	494.356	494.233	494.219	---	---	10
11	---	---	494.408	494.430A	494.548	494.361	494.327	494.354	494.232	494.214	---	---	11
12	---	---	494.410	494.433E	494.555	494.374	494.326	494.356	494.233	494.220	---	---	12
13	---	---	494.409	494.434E	494.556	494.368	494.322	494.355	494.227	494.215	---	---	13
14	---	---	494.409	494.436A	494.561	494.353	494.329	494.354	494.224	494.214	---	---	14
15	---	---	494.408	494.436	494.548	494.354	494.328	494.351	494.217	494.219	---	---	15
16	---	---	494.408A	494.437	494.541	494.349	494.331	494.350	494.218	494.218	---	---	16
17	---	---	494.411	494.440	494.535	494.350	494.337	494.332	494.223	494.219	---	---	17
18	---	---	494.410A	494.446	494.528	494.358	494.340	494.333	494.227	494.217	---	---	18
19	---	---	494.410E	494.447	494.519	494.350	494.341	494.337	494.226	494.218	---	---	19
20	---	---	494.411A	494.448	494.502	494.346	494.337	494.314	494.224	494.216	---	---	20
21	---	---	494.414A	494.451	494.481	494.344A	494.340	494.310	494.221	494.210	---	---	21
22	---	---	494.417A	494.460	494.490	494.345	494.335	494.309	494.226	494.214	---	---	22
23	---	---	494.416E	494.466	494.483	494.347	494.341	494.301	494.224	494.212	---	---	23
24	---	---	494.418E	494.472	494.474	494.352	494.339	494.314	494.220	494.210	---	---	24
25	---	---	494.421E	494.476	494.462	494.355	494.339	494.298	494.252A	494.210	---	---	25
26	---	---	494.423A	494.478	494.450	494.347	494.341	494.293	494.221A	494.206	---	---	26
27	---	---	494.421A	494.478	494.439	494.345	494.341	494.290	494.216	494.200	---	---	27
28	---	---	494.424	494.478	494.427	494.341	494.343	494.292	494.225	494.195	---	---	28
29	---		494.424	494.482	494.420	494.339	494.345	494.290	494.229	494.195	---	---	29
30	---		494.425	494.481	494.402	494.338	494.364	494.288	494.234	494.198	---	---	30
31	---		494.424		494.381		494.365	494.283		494.184		---	31
MEAN	---	---	494.410	494.446	494.493	494.354	494.337	494.333	494.235	494.213	---	---	MEAN
MAX	---	---	494.425	494.482	494.561	494.378	494.366	494.373	494.271	494.228	---	---	MAX
MIN	---	---	494.397	494.421	494.381	494.338	494.322	494.283	494.216	494.184	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 494.561 ON MAY 14

MAXIMUM INSTANTANEOUS,
494.581 AT 17:37 CST ON MAY 14

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 46 10 N
LONG 105 18 14 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
1 690 km²

CANOE RIVER NEAR BEAUVAL - STATION NO. 06BB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.03B	4.71B	3.59B	10.6 B	22.2	25.7	14.5	15.4	14.7	11.3	13.6 B	8.71B	1
2	3.87B	4.83B	4.32B	9.88B	22.6	25.8	13.8	15.5	14.5	11.5	16.4 B	8.49B	2
3	3.92B	5.13B	4.90B	9.74B	22.7	26.1	13.6	15.6	14.5	11.8	15.6 B	8.25B	3
4	4.19B	5.56B	5.01B	10.5 B	22.3	25.1	14.0	15.8	14.6	11.9	15.4 B	8.31B	4
5	4.53B	5.45B	5.26B	10.7 B	22.0	24.4	14.5	15.9	14.5	12.1	15.4 B	8.07B	5
6	4.52B	5.07B	5.11B	10.8 B	21.6	23.7	15.4	16.3	14.4	12.4	16.3 B	7.96B	6
7	4.44B	4.99B	5.02B	11.0 B	21.3	23.1	15.4	16.4	14.1	12.7	13.9 B	7.99B	7
8	4.60B	4.68B	4.76B	11.1 B	21.1	22.8	14.8	16.6	13.9	12.8	13.4 B	8.00B	8
9	4.93B	4.39B	4.18B	12.1 B	20.8	22.2	13.9	17.0	13.7	13.0	12.9 B	7.85B	9
10	5.36B	4.01B	3.80B	12.2 B	20.9	21.5	13.1	17.2	13.5	13.2	12.0 B	7.71B	10
11	5.69B	3.81B	3.77B	10.4 B	21.3	21.3	12.4	17.3	13.4	13.4	10.8 B	7.60B	11
12	6.12B	3.79B	3.68B	10.7 B	20.9	21.6	12.3	17.2	13.1	13.5	9.68B	7.58B	12
13	6.17B	3.87B	3.70B	11.0 B	20.3	21.0	12.0	17.4	12.8	13.7	9.00B	7.62B	13
14	6.01B	3.85B	4.26B	11.4 B	19.6	20.3	11.8	17.3	12.9	13.8	8.45B	7.37B	14
15	6.04B	4.01B	4.97B	11.0 B	20.4	19.9	11.6	17.1	12.9	14.0	7.95B	7.31B	15
16	6.01B	3.84B	5.36B	11.0 B	21.2	19.2	12.2	17.1	12.8	14.3	7.60B	7.40B	16
17	5.90B	3.56B	5.73B	11.2 B	22.7	19.0	13.0	17.0	12.7	14.4	7.50B	7.46B	17
18	5.85B	3.44B	6.18B	13.3 B	24.6	18.6	14.8	16.9	12.5	14.6	7.45B	7.53B	18
19	5.89B	3.30B	6.99B	15.2 B	25.7	18.7	15.8	16.8	12.4	14.9	7.55B	7.61B	19
20	6.05B	3.15B	5.73B	16.2 B	25.5	18.9	15.9	16.9	12.2	15.2	7.70B	7.66B	20
21	6.19B	2.87B	5.93B	17.3 B	25.2	18.8	15.9	16.6	12.0	15.5	7.95B	7.73B	21
22	5.80B	2.78B	6.58B	19.9 B	25.3	18.5	15.6	16.5	12.0	15.6	8.20B	7.78B	22
23	5.41B	2.53B	8.55B	22.5 B	25.2	17.8	15.1	16.4	11.9	15.7	8.45B	7.80B	23
24	5.02B	2.56B	6.05B	21.3	25.4	18.4	14.8	16.0	11.8	16.0	8.70B	7.81B	24
25	5.16B	2.73B	5.97B	21.2	25.6	18.7	14.5	15.9	11.3	16.3	8.85B	8.06B	25
26	5.24B	2.87B	6.61B	21.8	25.6	18.2	14.3	15.6	10.9	16.4	8.95B	8.03B	26
27	4.84B	3.14B	7.81B	23.0	25.6	17.6	14.1	15.6	10.7	16.5	9.00B	8.02B	27
28	4.80B	3.11B	9.43B	22.8	25.4	16.8	14.0	15.3	10.5	16.8	9.00B	8.10B	28
29	5.10B		9.93B	22.7	25.3	16.9	14.3	15.1	10.8	17.0	8.95B	8.10B	29
30	5.12B		10.2 B	22.7	25.7	15.2	14.9	14.8	11.1	17.1	8.85B	8.15B	30
31	4.76B		10.6 B		25.7		15.4	14.7		16.38		8.26B	31
TOTAL	161.86	108.35	181.11	445.22	718.7	613.9	437.5	505.1	383.1	443.9	315.48	244.33	TOTAL
MEAN	5.21	3.87	5.84	14.8	23.2	20.5	14.1	16.3	12.8	14.3	10.5	7.88	MEAN
MAX	6.19	5.56	10.6	23.0	25.7	25.8	15.9	17.4	14.7	17.1	16.4	8.71	MAX
MIN	3.87	2.53	3.59	9.74	19.6	15.2	11.6	14.7	10.5	11.3	7.45	7.31	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.5
MAXIMUM DAILY, 25.8 ON JUN 2
MINIMUM DAILY, 2.53B ON FEB 23
MAXIMUM INSTANTANEOUS,
26.4B AT 17:00 CST ON APR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 24 20 N
LONG 108 01 40 W
DRAINAGE AREA, 4 730 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	14 000	JUL	37 800
FEB	9 380	AUG	43 600
MAR	15 600	SEP	33 100
APR	38 500	OCT	38 400
MAY	62 200	NOV	27 300
JUN	53 000	DEC	21 100

TOTAL DISCHARGE, 394 000 dam³

CARROT RIVER NEAR ARMLEY - STATION NO. 05KB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	32.4 B	3.45 E	0.780	0.006	0.002	0	0	---	---	1
2	---	---	0 B	36.7 B	3.15 E	0.722	0.007	0.002	0	0	---	---	2
3	---	---	0 B	33.2	2.85 E	0.716	0.005	0.002	0	0	---	---	3
4	---	---	0 B	24.9	2.65 E	0.632	0.002	0.002	0	0	---	---	4
5	---	---	0 B	30.5	2.50 E	0.574	0.003	0.002	0	0	---	---	5
6	---	---	0 B	33.7	2.33 E	0.581	0.004	0.002	0	0	---	---	6
7	---	---	0 B	36.9	2.17 E	0.447	0.006	0.002	0	0	---	---	7
8	---	---	0 B	36.9	2.03 E	0.362	0.003	0.002	0	0	---	---	8
9	---	---	0 B	38.2	1.94 E	0.449	0.002	0.001	0	0	---	---	9
10	---	---	0 B	35.4	1.82 E	0.458	0.003	0.001	0	0	---	---	10
11	---	---	0 B	29.8	1.76 E	0.383	0.007	0.001	0	0	---	---	11
12	---	---	0 B	25.0	1.63 A	0.290	0.006	0.001	0	0	---	---	12
13	---	---	0 B	22.4	1.83	0.313	0.012	0.001	0	0	---	---	13
14	---	---	0 B	21.0	1.73	0.306	0.017	0.001	0	0	---	---	14
15	---	---	0 B	18.7	2.61	0.262	0.013	0.001	0	0	---	---	15
16	---	---	0 B	14.8	3.15	0.187	0.014	0.001	0	0	---	---	16
17	---	---	0 B	12.5	3.15	0.147	0.012	0	0	0	---	---	17
18	---	---	0 B	11.2	2.76	0.124	0.023	0	0	0	---	---	18
19	---	---	0 B	9.53	2.36	0.107	0.039	0	0	0	---	---	19
20	---	---	0 B	7.99	2.13	0.084	0.014	0	0	0	---	---	20
21	---	---	0 B	7.36	1.79	0.071	0.015	0	0	0	---	---	21
22	---	---	0 B	7.05A	1.54	0.058	0.005	0	0	0	---	---	22
23	---	---	0 B	6.50E	1.43	0.051	0.005	0	0	0	---	---	23
24	---	---	0 B	6.00E	1.28	0.035	0.006	0	0	0	---	---	24
25	---	---	0 B	5.80E	1.42	0.031	0.004	0	0	0	---	---	25
26	---	---	0 B	5.20E	1.68	0.027	0.002	0	0	0	---	---	26
27	---	---	0 2508	4.80E	1.54 A	0.020	0.002	0	0	0	---	---	27
28	---	---	1.00 B	4.40E	1.26 E	0.017	0.002	0	0	0	---	---	28
29	---		4.00 B	4.00E	1.08 A	0.017	0.001	0	0	0	---	---	29
30	---		8.00 B	3.75E	0.937	0.012	0.001	0	0	0	---	---	30
31	---		16.0 B		0.846		0.004	0		0		---	31
TOTAL	---	---	29.250	566.18	62.603	8.275	0.245	0.024	0	0	---	---	TOTAL
MEAN	---	---	0.944	18.9	2.02	0.276	0.008	0.001	0	0	---	---	MEAN
MAX	---	---	16.0	38.2	3.45	0.780	0.039	0.002	0	0	---	---	MAX
MIN	---	---	0	3.75	0.846	0.012	0.001	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.72
MAXIMUM DAILY, 38.2 ON APR 9
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
41.1 AT 01:31 CST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 08 11 N
LONG 104 01 15 W
DRAINAGE AREA, 4 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	21.2
FEB	---	AUG	2.07
MAR	2 530	SEP	0
APR	48 900	OCT	0
MAY	5 410	NOV	---
JUN	715	DEC	---

TOTAL DISCHARGE, 57 600 dam³

CARROT RIVER NEAR KINISTINO - STATION NO. 05KA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.4788	0.229	0.013	0	0	0	0.002	0.025	---	1
2	---	---	0 B	0.5378	0.277	0.045	0	0	0	0.008	0.013	---	2
3	---	---	0 B	0.4248	0.353	0.027	0	0	0	0.009	0.187	---	3
4	---	---	0 B	0.6058	0.226	0.007	0	0	0.004	0.012	0.087	---	4
5	---	---	0 B	0.4248	0.132	0.006	0	0	0.004	0.010	0.028	---	5
6	---	---	0 B	2.04 B	0.104	0.001	0	0	0	0.012	0.002	---	6
7	---	---	0 B	3.54 B	0.113	0	0	0	0	0.013	0.001A	---	7
8	---	---	0 B	3.94	0.113	0	0	0	0	0.010	---	---	8
9	---	---	0 B	2.77	0.081	0	0	0	0	0.010	---	---	9
10	---	---	0 B	1.77	0.210	0	0	0	0.036	0.007	---	---	10
11	---	---	0 B	1.04	0.331	0	0	0.003	0.088	0.005	---	---	11
12	---	---	0 B	2.68	0.827	0.012	0	0.004	0.046	0.006	---	---	12
13	---	---	0 B	3.25	0.891	0.006	0	0	0	0.048	---	---	13
14	---	---	0 B	2.61	0.763	0	0	0	0	0.087	---	---	14
15	---	---	0 B	1.51	0.853	0	0	0	0	0.055	---	---	15
16	---	---	0 B	1.09	0.586	0	0	0	0	0.020	---	---	16
17	---	---	0 B	1.11	0.632	0	0	0	0	0.002	---	---	17
18	---	---	0 B	1.13	0.625	0	0	0	0	0.002	---	---	18
19	---	---	0 B	0.977	0.612	0	0	0	0	0.003	---	---	19
20	---	---	0 B	0.851	0.649	0	0	0	0	0.003	---	---	20
21	---	---	0 B	0.915	0.874	0	0	0	0	0.003	---	---	21
22	---	---	0 B	0.772	0.809	0	0	0	0	0.003	---	---	22
23	---	---	0.0018	0.697	0.446	0	0	0	0.003	0	---	---	23
24	---	---	0.0028	0.720	0.270	0	0	0	0.001	0	---	---	24
25	---	---	0.0208	0.676	0.288	0	0	0	0.001	0	---	---	25
26	---	---	0.0368	0.548	0.413	0	0	0	0.002	0	---	---	26
27	---	---	0.1458	0.443	0.318	0	0	0	0.003	0	---	---	27
28	---	---	0.1638	0.367	0.174	0	0	0	0.001	0	---	---	28
29	---		0.2768	0.287	0.051	0	0	0	0	0.535	---	---	29
30	---		0.5228	0.251	0.028	0	0	0	0	0.675	---	---	30
31	---		0.4808		0.014		0	0		0.124		---	31
TOTAL	---	---	1.745	38.062	12.082	0.117	0	0.007	0.170	1.645	---	---	TOTAL
MEAN	---	---	0.056	1.30	0.390	0.004	0	0	0.006	0.053	---	---	MEAN
MAX	---	---	0.522	3.94	0.891	0.045	0	0.004	0.088	0.675	---	---	MAX
MIN	---	---	0	0.251	0.014	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.224
MAXIMUM DAILY, 3.94 ON APR 8
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.78 AT 10:03 CST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 58 55 N
LONG 105 00 18 W
DRAINAGE AREA, 1 170 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0.60
MAR	151	SEP	14.7
APR	3 370	OCT	142
MAY	1 040	NOV	---
JUN	10.1	DEC	---

TOTAL DISCHARGE, 4 730 dam³

CARROT RIVER NEAR SMOKY BURN - STATION NO. 05KC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4558	0.3428	0.3098	15.69	13.1	5.78	0.835	0.970	0.187	0.906	0.598	0.7118	1
2	0.4498	0.3268	0.3128	27.98	11.8	5.09	0.774	1.34	0.177	0.718	0.575	0.8588	2
3	0.4578	0.3078	0.3148	66.38	11.3	4.62	0.738	1.82	0.184	0.691	0.538	0.8128	3
4	0.4588	0.3018	0.3178	95.38	10.8	4.13	0.890	1.61	0.158	0.686	0.535	0.8548	4
5	0.4548	0.3018	0.3318	107 B	10.1	3.78	0.829	1.53	0.130	0.699	0.524A	0.8848	5
6	0.4628	0.3058	0.3288	128 B	9.29	3.52	0.815	1.44	0.128	0.732	0.532A	0.9228	6
7	0.4578	0.3098	0.3438	155 B	8.94	3.40	0.851	1.33	0.138	0.783	0.546	0.8408	7
8	0.4578	0.3118	0.3998	166	7.83	3.26	0.974	1.23	0.242	0.745	0.5788	0.9388	8
9	0.4678	0.3068	0.3988	170	8.00	2.93	1.19	1.26	0.379	0.723	0.5318	0.8408	9
10	0.3838	0.3278	0.4138	176	7.83	2.71	1.48	1.15	0.369	0.753	0.5458	0.8828	10
11	0.2818	0.3598	0.4238	169	8.61	2.60	1.28	1.00	0.324	0.714	0.5248	0.8328	11
12	0.2558	0.3888	0.4288	140	11.0 E	2.48	1.15	1.04	0.285	0.688	0.5348	0.9148	12
13	0.2038	0.3798	0.4328	101	12.0 E	2.30	1.02	1.02	0.261	0.827	0.5888	1.018	13
14	0.2988	0.3568	0.4118	67.5	13.2 E	2.47	1.00	0.894	0.285	0.650	0.5088	0.9468	14
15	0.3208	0.3508	0.3998	48.1	14.7 E	2.78	0.942	0.891	0.239	0.679	0.4858	0.8648	15
16	0.3248	0.3208	0.3958	41.1	17.0 E	3.05	0.911	0.743	0.241	0.661	0.4378	0.8288	16
17	0.3108	0.3448	0.3918	37.3	16.7 E	3.84	0.881	0.680	0.243	0.681	0.4318	0.7888	17
18	0.3228	0.3188	0.3828	31.5	16.4 E	3.80	0.870	0.677	0.251	0.683	0.4708	0.7538	18
19	0.3218	0.2988	0.3618	28.8	16.0 E	3.61	0.825	0.981	0.245	0.658	0.5058	0.7438	19
20	0.3238	0.2908	0.3698	29.2	16.0 E	3.24	0.953	0.950	0.243	0.635	0.5188	0.8768	20
21	0.3388	0.2788	0.3908	26.8	14.0 E	2.58	1.01	0.751	0.294	0.609	0.5208	1.008	21
22	0.4058	0.2708	0.4278	24.6	13.0 E	2.19	0.994	0.602	0.359	0.604	0.5368	1.008	22
23	0.4028	0.2668	0.3858	24.0	12.0 E	1.92	0.928	0.477	0.378	0.594	0.5858	1.058	23
24	0.5118	0.2608	0.3858	23.1	11.5 E	1.87	0.836	0.391	0.371	0.557	0.6408	0.9878	24
25	0.5928	0.2658	0.5178	22.8	11.0 E	1.66	0.762	0.328	0.299	0.532	0.6288	0.9408	25
26	0.3908	0.2848	0.4258	21.8	10.4 E	1.44	0.800	0.283	0.532	0.515	0.6288	1.018	26
27	0.3828	0.2978	0.2658	19.0	9.80E	1.37	0.928	0.267	0.543	0.517	0.6488	1.018	27
28	0.3748	0.3018	0.1748	17.2	9.10E	1.32	0.971	0.247	0.484	0.520	0.6878	0.9658	28
29	0.3478		0.1358	16.0	8.67A	1.12	0.827	0.221	0.595	0.539A	0.6888	0.9288	29
30	0.3398		0.2048	14.3	7.16	0.991	0.926	0.199	0.729	0.533A	0.6858	0.8978	30
31	0.3468		5.42 B		6.33		0.961	0.203		0.622		0.8728	31
TOTAL	11.852	8.768	15.183	2 010.3	352.05	85.501	28.883	26.556	9.271	20.194	17.155	27.830	TOTAL
MEAN	0.386	0.313	0.522	67.0	11.4	2.85	0.932	0.857	0.309	0.651	0.572	0.898	MEAN
MAX	0.592	0.388	5.42	176	17.0	5.78	1.89	1.82	0.729	0.906	0.689	1.05	MAX
MIN	0.255	0.260	0.135	14.3	6.33	0.991	0.515	0.199	0.126	0.515	0.431	0.711	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.16
MAXIMUM DAILY, 175 ON APR 10
MINIMUM DAILY, 0.126 ON SEP 6
MAXIMUM INSTANTANEOUS,
176 AT 19.09 CST ON APR 10

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 25 00 N
LONG 103 08 30 W
DRAINAGE AREA, 9 250 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 030	JUL	2 500
FEB	758	AUG	2 290
MAR	1 600	SEP	801
APR	174 000	OCT	1 740
MAY	30 400	NOV	1 480
JUN	7 390	DEC	2 400

TOTAL DISCHARGE, 226 000 dam³

CARROT RIVER NEAR TURNBERRY - STATION NO. 05KH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.838	2.288	1.528	5.538	76.5	53.5	5.30	15.3	2.10	10.2	3.33	1.938	1
2	1.848	2.328	1.508	5.798	76.2	50.6	5.75A	16.7	2.05	17.0	3.148	1.858	2
3	1.858	2.398	1.658	7.088	74.4	46.4	4.92E	16.1	2.08	15.5	3.048	1.888	3
4	1.928	2.428	1.778	15.08	73.6	42.3	4.68E	15.3	2.10	14.5	2.938	2.008	4
5	1.948	2.468	1.788	19.58	73.0	38.0	4.46E	14.4	2.26	13.6	2.828	2.018	5
6	1.898	2.418	1.728	22.38	71.2	36.5	5.20E	13.5	3.27	12.7	2.738	2.048	6
7	1.858	2.468	1.638	25.08	69.6	34.1	5.62E	12.6	3.61	12.0	2.648	2.068	7
8	1.908	2.408	1.628	26.38	68.2	31.8	5.07A	11.4	3.67	13.4	2.558	2.108	8
9	1.998	2.448	1.598	25.08	66.8	29.9	7.96E	10.8	3.55	12.5	2.478	2.128	9
10	2.048	2.398	1.568	27.88	67.0	28.4	7.60E	10.6	3.26	11.8	2.378	2.168	10
11	2.188	2.378	1.648	30.48	67.8	27.4	7.65E	10.1	3.12	10.8	2.288	2.198	11
12	2.138	2.318	1.558	33.68	69.5	26.4	7.63E	9.14	2.93	10.2	2.208	2.228	12
13	2.228	2.198	1.538	36.98	70.8	25.4	7.42A	8.16	2.83	9.49	2.118	2.258	13
14	2.208	2.138	1.518	42.08	70.1	24.4	8.01E	8.88	2.78	8.89	2.068	2.288	14
15	2.228	2.098	1.538	51.38	72.0	23.2	8.40E	8.66	2.76	8.55	2.028	2.328	15
16	2.208	2.038	1.578	64.88	75.6	22.0	8.86A	7.04	2.88	8.01	2.008	2.358	16
17	2.328	1.988	1.658	78.58	77.8	20.8	8.32E	7.28	2.81	7.76	1.968	2.338	17
18	2.368	1.938	1.758	91.28	78.2	20.3	4.79	7.17	2.56	7.50	1.928	2.348	18
19	2.518	1.858	1.788	89.48	79.8	19.1	4.89	6.58	2.54	7.14	1.868	2.318	19
20	2.588	1.768	1.848	87.78	82.1	18.0	4.84	6.07	2.84	6.79	1.868	2.368	20
21	2.658	1.708	1.908	85.08	83.1	16.8	4.85	5.45	2.55	6.71	1.828	2.398	21
22	2.618	1.658	1.878	84.2	82.2	15.3	4.82	4.95	2.67	6.46	1.788	2.448	22
23	2.558	1.588	2.038	83.0	80.4	14.0	4.83	4.80	2.78	6.25	1.748	2.428	23
24	2.598	1.538	2.218	83.6	79.0	12.8	5.18	3.90	2.75	6.01	1.778	2.418	24
25	2.528	1.508	2.368	84.7	77.4	12.3	5.72	3.47	2.65	5.84	1.788	2.378	25
26	2.468	1.488	2.238	85.2	75.4	11.2	6.56	2.88	3.68	5.60	1.828	2.348	26
27	2.388	1.458	2.088	84.7	72.8	10.0	9.10	2.73	19.0	5.44	1.848	2.358	27
28	2.368	1.478	2.368	83.6	69.4	8.90	7.83	2.80	21.6	5.51	1.868	2.328	28
29	2.338		3.088	82.3	65.5	7.89	7.13	2.55	21.7	5.23	1.888	2.298	29
30	2.308		5.128	80.8	61.2	7.15	6.20	2.47	20.0	5.06	1.908	2.278	30
31	2.208		6.188		57.0		11.7	2.30		4.37		2.238	31
TOTAL	66.88	56.88	84.20	1 625.20	2 265.8	735.84	201.48	250.04	151.25	288.83	66.49	89.14	TOTAL
MEAN	2.22	2.04	2.07	54.2	73.1	24.5	6.50	8.07	5.04	9.35	2.22	2.23	MEAN
MAX	2.66	2.46	6.18	91.2	83.1	53.5	11.7	16.7	21.7	18.2	3.33	2.44	MAX
MIN	1.83	1.45	1.51	5.79	57.0	7.15	4.45	2.30	2.05	4.37	1.74	1.93	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.0
MAXIMUM DAILY, 91.20 ON APR 16
MINIMUM DAILY, 1.458 ON FEB 27

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 36 00 N
LONG 102 07 00 W
DRAINAGE AREA, 12 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 950	JUL	17 400
FEB	4 920	AUG	21 500
MAR	5 550	SEP	13 100
APR	140 000	OCT	25 000
MAY	196 000	NOV	5 740
JUN	83 800	DEC	5 970

TOTAL DISCHARGE, 905 000 dam³

CHIPMAN RIVER ABOVE BLACK LAKE - STATION NO. 07LC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.22	7.00	6.18E	5.68E	5.28E	33.2E	28.3	26.5	24.1	18.1	13.5	10.4	1
2	7.15	7.02	6.16E	5.67E	5.27E	34.6E	28.0	26.1	24.9	17.8	12.3	10.3	2
3	7.16	7.06	6.14E	5.66E	5.28E	36.0E	28.0	25.9	25.4	17.4	13.2	10.0	3
4	7.17	7.14	6.12E	5.64E	5.30E	36.2E	27.6	25.6	25.6	17.3	13.2	10.0	4
5	7.09	7.13	6.10E	5.63E	5.40E	36.2E	33.1	25.2	25.6	17.1	12.1	9.93	5
6	7.01	7.08	6.08E	5.61E	5.60E	36.0E	32.5	24.9	25.7	16.9	12.6	9.81	6
7	7.03	6.95	6.06E	5.60E	5.81A	35.8E	33.3	24.9	25.7	16.5	12.5	9.72	7
8	7.07	6.85	6.04E	5.59E	6.14	35.6E	33.0	24.5	25.2	16.3	12.3	9.68	8
9	7.07	6.78	6.02E	5.57E	7.37	35.2E	32.7	24.0	25.0	16.6	12.0	9.69	9
10	7.04	6.87A	6.00E	5.56E	9.53	34.8E	32.5	23.4	24.7	16.7	11.9	9.60	10
11	7.11	6.54E	5.99E	5.55E	11.1	34.4A	32.1	23.1	24.4	16.2	11.7	9.76	11
12	7.10	6.48E	5.97E	5.53E	12.4	34.0	31.6	22.6	23.9	16.2	11.6	9.76	12
13	7.07	6.49A	5.95E	5.52E	13.4	33.7	31.5	22.5	23.5	16.1	11.5	9.69	13
14	7.05	6.48E	5.94E	5.51E	14.0	33.0	31.0	22.2	23.1	15.9	11.3	9.70	14
15	7.05	6.46E	5.92E	5.49E	14.4	32.7	31.0	22.5	22.9	15.6	11.1	9.69	15
16	7.02	6.44E	5.90E	5.48E	14.4	32.5	31.0	22.4	22.6	15.4	11.0	9.49	16
17	7.01	6.42E	5.88E	5.47E	14.5	32.3	30.9	22.1	22.2	15.3	10.9	9.42	17
18	6.95	6.40E	5.87E	5.45E	14.9	32.1	30.9	22.1	21.7	15.2	10.9	9.39	18
19	6.94	6.38E	5.85E	5.44E	15.8	31.9	30.6	22.0	21.5	15.2	10.8	9.28	19
20	6.90	6.36E	5.84E	5.43E	17.6	31.2	30.3	23.3	21.7	15.1	10.7	9.11	20
21	6.89	6.36E	5.83E	5.41E	19.5	31.0	29.9	23.4	21.1	15.0	10.7	8.97	21
22	6.82	6.32E	5.81E	5.40E	20.9	31.0	29.6	23.7	20.9	14.9	10.7	9.01	22
23	6.84	6.30E	5.80E	5.39E	21.7	30.6	29.8	23.8	20.7	14.8	10.6	8.92	23
24	6.88	6.28E	5.79E	5.37E	22.6	30.6	29.5	24.2	20.6	14.7	10.7	9.01	24
25	6.94	6.26E	5.78E	5.36E	23.8	30.3	29.0	23.9	20.4	14.6	10.7	8.97	25
26	6.87	6.24E	5.76E	5.35E	25.2	29.8	28.9	23.8	19.7	14.5	10.5	9.03	26
27	7.02	6.22E	5.75E	5.33E	26.7	29.8	28.6	23.9	19.5	14.4	10.5	9.05	27
28	7.10	6.20E	5.74E	5.32E	27.8 A	29.8	28.3	24.1	19.1	14.2	10.4	8.99	28
29	7.08		5.72E	5.31E	29.0 E	29.5	27.8	24.3	18.9	14.0	10.3	8.89	29
30	7.03		5.71E	5.29E	30.4 E	29.5	27.4	24.8	18.6	13.9	10.4	8.87	30
31	6.97		5.70E		31.8 E		27.0	24.3		13.5		8.66	31
TOTAL	217.83	184.30	183.42	164.61	482.88	983.4	963.7	740.8	678.5	485.1	344.8	293.39	TOTAL
MEAN	7.03	6.58	5.92	5.49	15.6	32.8	30.4	23.9	22.6	15.7	11.5	9.46	MEAN
MAX	7.22	7.14	6.18	5.68	31.8	36.2	33.5	26.5	25.7	18.1	13.5	10.4	MAX
MIN	6.84	6.20	5.70	5.29	5.27	29.5	27.0	22.1	18.6	13.8	10.3	8.66	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.6
MAXIMUM DAILY, 36.2E ON JUN 4
MINIMUM DAILY, 5.27E ON MAY 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 19 10 N
LONG 105 18 10 W
DRAINAGE AREA, 6 58[illegible] km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 800	JUL	81 500
FEB	15 900	AUG	64 000
MAR	15 800	SEP	58 600
APR	14 200	OCT	42 000
MAY	41 700	NOV	23 800
JUN	85 000	DEC	25 300

TOTAL DISCHARGE, 493 003 dam³

CHITEK LAKE AT CHITEK VILLAGE - STATION NO. 06AD012

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	566.330	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	565.382	---	566.332	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	566.156	---	---	6
7	---	---	---	---	---	565.374	566.281	566.336	---	---	---	---	7
8	---	---	---	---	---	---	---	---	565.194	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	566.273	566.323	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	565.338	---	---	---	566.135	---	---	14
15	---	---	---	---	---	---	566.292	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	565.166	---	---	---	16
17	---	---	---	566.287	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	565.340	---	566.289	---	---	---	---	18
19	---	---	---	---	---	---	566.308	---	565.164	---	---	---	19
20	---	---	---	---	---	---	---	---	---	566.135	---	---	20
21	---	---	---	---	566.395	---	---	---	---	---	---	---	21
22	---	---	---	---	---	565.333	---	566.287	---	---	---	---	22
23	---	---	---	---	---	---	566.307	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	565.331	---	---	---	---	---	---	25
26	---	---	---	---	---	---	566.304	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	565.325	---	---	---	566.125	---	---	28
29	---		---	---	566.405	---	566.320	---	---	---	---	---	29
30	---		---	---	---	566.320	---	---	566.160	---	---	---	30
31	---		---		---		---	---		566.123		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 44 55 N
LONG 107 43 55 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CHRISTOPHER LAKE NEAR CHRISTOPHER LAKE - STATION NO. 05GG009

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	514.795	514.701E	514.672	514.590E	---	---	---	1
2	---	---	---	---	---	514.791E	514.701	514.673E	514.589E	---	---	---	2
3	---	---	---	---	---	514.787E	514.698E	514.674	514.587	---	---	---	3
4	---	---	---	---	---	514.783E	514.691	514.677E	514.577E	---	---	---	4
5	---	---	---	---	---	514.779	514.691E	514.679E	514.567	---	514.517	---	5
6	---	---	---	---	---	514.776E	514.691	514.682	514.564E	---	---	---	6
7	---	---	---	---	---	514.773E	514.688E	514.683	514.561E	---	---	---	7
8	---	---	---	---	---	514.771	514.685E	514.670	514.557E	---	---	---	8
9	---	---	---	---	---	514.767E	514.681	514.671E	514.554E	---	---	---	9
10	---	---	---	---	---	514.764E	514.681E	514.672	514.551	---	---	---	10
11	---	---	---	---	---	514.761	514.681	514.671E	514.547E	---	---	---	11
12	---	---	---	---	---	514.756E	514.677E	514.670E	514.543	---	---	---	12
13	---	---	---	---	---	514.752E	514.673	514.670	514.543E	---	---	---	13
14	---	---	---	---	---	514.747E	514.676E	514.667E	514.543E	---	---	---	14
15	---	---	---	---	514.824	514.743	514.679E	514.664	514.544	---	---	---	15
16	---	---	---	---	514.812E	514.737E	514.681	514.653E	514.543E	---	---	---	16
17	---	---	---	---	514.810	514.731E	514.687E	514.642	514.543E	---	---	---	17
18	---	---	---	---	514.809E	514.725E	514.692	514.637E	514.543E	---	---	---	18
19	---	---	---	---	514.809E	514.719E	514.692E	514.632E	514.543	---	---	---	19
20	---	---	---	---	514.808E	514.713	514.692	514.628	514.542E	---	---	---	20
21	---	---	---	---	514.807E	514.714E	514.685E	514.624E	514.542E	---	---	---	21
22	---	---	---	---	514.805	514.716E	514.678E	514.619	514.542E	---	---	---	22
23	---	---	---	---	514.804E	514.718E	514.672	514.618E	514.541E	---	---	---	23
24	---	---	---	---	514.802E	514.719E	514.672E	514.616	514.541E	---	---	---	24
25	---	---	---	---	514.800	514.721	514.672	514.611E	514.541E	---	---	---	25
26	---	---	---	---	514.803E	514.721E	514.672E	514.605E	514.540	---	---	---	26
27	---	---	---	---	514.806E	514.721	514.672	514.599	514.540E	---	---	---	27
28	---	---	---	---	514.808	514.711E	514.678E	514.595E	514.540E	---	---	---	28
29	---		---	---	514.805E	514.701	514.685E	514.591	514.540	---	---	---	29
30	---		---	---	514.802E	514.701E	514.692	514.592E	514.540E	---	---	---	30
31	---		---	---	514.799E		514.682E	514.592		---	---	---	31
MEAN	---	---	---	---	---	514.744	514.684	514.644	514.551	---	---	---	MEAN
MAX	---	---	---	---	---	514.795	514.701	514.683	514.550	---	---	---	MAX
MIN	---	---	---	---	---	514.701	514.672	514.591	514.540	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 30 30 N
LONG 105 45 55 W

DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CHURCHILL RIVER ABOVE OTTER RAPIDS - STATION NO. 06CD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	185	172	161	151	171	367	361	449	426	348	295	255	1
2	184	174	160	151	172	374	358	452	427	345	292	254	2
3	185	172	159	150	175	376	360	453	427	342	290	251	3
4	184	171	159	150	178	380	363	454	425	340	288	250	4
5	183	170	158	151	179	383	362	456	422	336	286	249	5
6	183	168	157	152	181	386	364	455	420	336	286	248	6
7	182	168	157	152	182	387	363	456	418	338	284	246	7
8	186	166	157	152	183	386	364	459	412	335	283	247	8
9	189	166	156	153	185	387	363	466	408	333	282	246	9
10	187	165	156	153	191	386	361	466	404	334	282	246	10
11	184	165	155	154	195	388	358	468	401	329	280	246	11
12	182	166	155	154	205	388	359	469	397	328	280	243	12
13	181	164	154	154	211	388	360	468	394	327	278	245	13
14	180	165	154	154	216	387	359	467	390	323	276	249	14
15	180	162	154	155	227	385	363	466	387	321	275	246	15
16	179	163	154	155	234A	382	365	465	385	319	274	242	16
17	179	162	154	155	242E	380	368	461	383	317	272	239	17
18	178	163	154	157	249E	377	379	461	380	316	271A	238	18
19	178	163	152	157	256E	374	385	461	378	315	270A	236	19
20	177	161	152	157	264A	374	390	459	376	313	268A	235	20
21	176	160	152	159	270	370	396	455	374	312	268A	234	21
22	175	161	151	160	277	368	399	453	371	310	267A	233	22
23	172	161	150	161	285	366	404	451	369	308	267A	231	23
24	174	159	150	162	293	368	406	450	365	307	264A	231	24
25	173	162	149	163	302	369	409	445	359	306	264	229	25
26	172	161	149	164	312	368	413	441	354	304	261	229	26
27	173	160	149	165	322	367	415	440	356	303	260	228	27
28	174	160	149	166	331	365	426	438	353	302	259	227	28
29	172		150	170	341	364	433	438	351	300	257	225	29
30	170		150	171	350	364	440	436	350	299	256	225	30
31	170		150		359		445	432		298		224	31
TOTAL	5 547	4 610	4 767	4 708	7 538	11 306	11 892	14 090	11 664	9 946	8 237	7 427	TOTAL
MEAN	179	165	154	157	243	377	384	455	389	321	275	240	MEAN
MAX	189	174	161	171	359	388	446	469	428	348	295	255	MAX
MIN	170	159	149	150	171	364	358	432	350	298	256	224	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 279
MAXIMUM DAILY, 469 ON AUG 12
MINIMUM DAILY, 149 ON MAR 25
MAXIMUM INSTANTANEOUS,
469 AT 08:00 [illegible] ON AUG 12

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 38 47 N
LONG 104 44 05 W
DRAINAGE AREA, 119 000 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	479 080	JUL	1 030 000
FEB	398 000	AUG	1 220 000
MAR	412 000	SEP	1 010 000
APR	407 000	OCT	859 000
MAY	651 000	NOV	712 000
JUN	977 000	DEC	642 000

TOTAL DISCHARGE, 8 800 000 dam³

CHURCHILL RIVER ABOVE WINTEGO RAPIDS - STATION NO. 06EA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	611	810	---	---	1
2	---	---	---	---	---	---	---	---	604	957	---	---	2
3	---	---	---	---	---	---	---	---	601	952	---	---	3
4	---	---	---	---	---	---	---	---	599	907	---	---	4
5	---	---	---	---	---	---	---	---	598	859	---	---	5
6	---	---	---	---	---	---	---	---	596	806	---	---	6
7	---	---	---	---	---	---	---	---	594	773	---	---	7
8	---	---	---	---	---	---	---	---	593	746	---	---	8
9	---	---	---	---	---	---	---	---	593	721	---	---	9
10	---	---	---	---	---	---	600A	---	595	699	---	---	10
11	---	---	---	---	---	---	601A	---	595	692	---	---	11
12	---	---	---	---	---	---	607A	---	598	680	---	---	12
13	---	---	---	---	---	---	611A	---	600	668	---	---	13
14	---	---	---	---	---	---	616A	---	601	665	---	---	14
15	---	---	---	---	---	---	---	---	603	659	---	---	15
16	---	---	---	---	---	---	---	---	601	656	---	---	16
17	---	---	---	---	---	---	---	---	601	654	---	---	17
18	---	---	---	---	---	---	---	---	602	652	---	787A	18
19	---	---	---	---	---	---	---	---	602	654	---	785	19
20	---	---	---	---	---	---	---	---	601	681	---	771	20
21	---	---	---	---	---	---	---	---	600	669	---	760	21
22	---	---	---	---	---	---	---	647A	599	675	---	734	22
23	---	---	---	---	---	---	---	642	598	684	---	749	23
24	---	---	---	---	---	---	---	636	598	691	---	752	24
25	---	---	---	---	---	---	---	634	594	695	---	764	25
26	---	---	---	---	---	---	---	631	597	700	---	753	26
27	---	---	---	---	---	---	---	626	624	717A	---	747	27
28	---	---	---	---	---	---	---	623	679	---	---	750	28
29	---		---	---	---	---	---	620	784	---	---	754	29
30	---		---	---	---	---	---	618	834	---	---	745	30
31	---		---		---		---	615		---		752	31
TOTAL	---	---	---	---	---	---	---	---	18 465	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	616	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	834	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	593	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 34 30 N
LONG 102 49 48 W
DRAINAGE AREA, 210 000 km²
A - MANUAL GAUGE

REGULATED SINCE 1938

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	1 600 000
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

REMARKS - GAUGING STATION ESTABLISHED JUL 10 1986

CHURCHILL RIVER AT SANDY BAY - STATION NO. 06EA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	705	752	733	720	634	778	592	769	653	680	719	736	1
2	709	751	735	720	676	766	595	769	631	676	720	752	2
3	711	750	735	732	689	741	608	798	618	704	702	765	3
4	711	748	736	728	694	701	594	811	605	745	662	782	4
5	710	747	736	726	695	676	586	803	582	834	653	763	5
6	726	754	737	725	698	659	580	780	597	833	653	771	6
7	728	757	737	726	696	659	583	770	576	827	679	769	7
8	727	757	736	726	695	618	608	762	592	792	721	773	8
9	728	757	735	725	631	598	614	758	809	802	732	775	9
10	736	756	735	728	617	610	598	756	614	759	738	774	10
11	734	750	734	728	633	606	599	749	618	733	771	774	11
12	736	752	733	726	655	670	584	735	618	717	769	772	12
13	761	759	738	726	646	684	598	729	579	649	768	773	13
14	761	762	734	706	696	688	589	726	588	630	732	770	14
15	760	764	735	718	720	692	528	723	571	638	720	767	15
16	761	752A	734	726	781	695	538	721	588	625	718	765	16
17	760	764A	734	699	777	694	598	720	609	619	716	761	17
18	759	765	733	672	826	652	620	718	593	678	715	757	18
19	759	763	731	659	836	635	629	697	546	650	715	807	19
20	759	759	729	653	858	627	646	678	534	634	720	814	20
21	758	761	727	646	868	623	670	671	539	678	724	811	21
22	758	765	727	622	889	617	685	685	581	692	718	795	22
23	757	735	728	628	872	625	694	661	581	697	719	784	23
24	748	704	726	593	873	638	732	657	604	700	720	773	24
25	748	725	723	590	873	616	745	657	621	702	730	768	25
26	748	720	720	592	872	617	761	655	629	654	733	782	26
27	750	717	732	609	872	614	755	655	630	689	735	750	27
28	752	726	735	620	860	614	760	655	629	663	738	743	28
29	752		730	631	821	611	727	654	629	700	738	738	29
30	750		723	637	797	586	735	653	638	712	735	738	30
31	751		721		785		761	653		718		739	31
TOTAL	23 050	20 866	22 680	20 416	23 152	19 804	19 874	22 206	17 980	21 884	21 510	23 895	TOTAL
MEAN	744	746	732	681	747	653	641	716	599	705	720	771	MEAN
MAX	761	765	737	726	873	778	761	811	653	834	771	814	MAX
MIN	705	704	721	590	548	586	528	653	534	618	653	736	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 705
MAXIMUM DAILY, 873 ON MAY 24
MINIMUM DAILY, 528 ON JUL 15
MAXIMUM INSTANTANEOUS,
877 AT 07 57 CST ON MAY 25

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 31 24 N
LONG 102 19 06 W
DRAINAGE AREA, 212 000 km²
A - MANUAL GAUGE

REGULATED SINCE 1928

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 890 000	JUL	1 720 000
FEB	1 810 000	AUG	1 920 000
MAR	1 950 000	SEP	1 550 000
APR	1 760 000	OCT	1 890 000
MAY	2 000 000	NOV	1 870 000
JUN	1 690 000	DEC	2 080 000

TOTAL DISCHARGE, 22 200 000 dam³

CHURCHILL RIVER NEAR PATUANAK - STATION NO. 06BB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	97.0	91.2	84.1	79.1	93.8	123	125	154	153	140	135	124	1
2	97.0	90.6	82.8	78.0	92.8	128	123	156	158	142	127	124	2
3	98.4	91.9	83.8	77.1	95.2	132	131	158	165	137	126	123	3
4	97.9	90.9	81.4	77.2	96.0	127	141	158	161	141	131	122	4
5	96.9	91.1	83.5	78.6	96.4	127	136	160	157	138	131	123	5
6	95.6	91.0	82.3	79.5	97.4	130	137	163	157	135	128	122	6
7	96.4	90.6	80.9	79.6	96.8	130	134	164	156	138	122	121	7
8	96.4	89.1	80.9	77.9	97.1	128	132	164	150	139	126	125	8
9	97.8	88.2	80.3	80.4	97.1	130	130	163	152	137	130	122	9
10	96.3	88.2	81.8	80.0	102	127	132	164	149	148	128	123	10
11	98.3	88.5	80.1	81.6	101	130	128	163	147	140	127	122	11
12	95.7	89.2	80.4	82.0	103	137	132	165	151	136	127	121	12
13	95.9	88.7	80.2	81.9	104	134	129	169	151	137	125	122	13
14	95.3	88.4	80.3	81.6	107	132	131	166	147	132	126	122	14
15	94.7	88.0	81.1	81.2	111	126	134	169	146	135	124	121	15
16	95.7	86.8	81.0	81.3	110	127	136	169	145	134	126	123	16
17	94.8	87.4	80.4	83.1	108	126	133	162	150	134	125	122	17
18	93.7	86.2	80.5	84.3	110	126	138	162	148	136	124	123	18
19	93.5	86.2	79.3	85.2	112	131	143	168	147	135	124	121	19
20	96.1	85.0	80.0	84.0	112	137	144	166	146	133	123	120	20
21	93.9	85.9	79.4	85.6	113	135	144	166	146	134	124	121	21
22	93.5	84.7	81.4	86.5	114	132	143	164	146	133	124	121	22
23	91.8	84.2	79.7	86.9	119	126	147	160	146	132	122	120	23
24	93.4	82.9	78.9	87.1	119	130	147	165	133	132	124	121	24
25	94.4	84.4	78.5	87.2	119	131	148	160	126	132	125	118	25
26	90.9	85.0	78.5	87.5	120	131	147	158	127	133	123	119	26
27	92.7	83.8	78.3	87.5	121	131	145	158	136	131	126	120	27
28	93.5	83.3	78.4	89.3	126	128	146	158	141	135	124	120	28
29	92.9		79.3	91.9	124	127	149	159	143	133	123	118	29
30	90.8		78.9	92.7	122	127	153	162	142	131	123	121	30
31	90.4		78.7		127		156	162		140		119	31
TOTAL	2 941.6	2 451.4	2 499.2	2 495.8	3 366.6	3 888	4 284	5 037	4 422	4 213	3 773	3 764	TOTAL
MEAN	94.9	87.6	80.6	83.2	109	130	139	162	147	136	126	121	MEAN
MAX	98.4	91.9	84.1	92.7	127	137	156	169	165	148	135	125	MAX
MIN	90.4	82.9	78.5	77.1	92.8	123	123	154	126	131	122	118	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 118
MAXIMUM DAILY, 169 ON AUG 13
MINIMUM DAILY, 77.1 ON APR 3
MAXIMUM INSTANTANEOUS,
184 AT 20:57 CST ON AUG 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 55 30 N
LONG 107 43 40 W
DRAINAGE AREA, 78 700 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	254 000	JUL	371 000
FEB	212 000	AUG	435 000
MAR	216 000	SEP	382 000
APR	216 000	OCT	364 000
MAY	291 000	NOV	326 000
JUN	336 000	DEC	325 000

TOTAL DISCHARGE, 3 730 000 dam³

CLEARWATER RIVER AT OUTLET OF LLOYD LAKE - STATION NO. 07CD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.6	17.7	17.1	16.1	31.8	36.3	28.0	36.5	29.8	27.4	24.7	20.6	1
2	18.8	17.7	16.8	15.8	32.2	41.2	28.1	37.1	31.6	26.4	23.7	20.5	2
3	18.9	17.8	16.7	15.8	33.0	37.6	30.2	36.4	32.8	26.3	23.1	20.3	3
4	18.8	17.7	16.6	16.0	34.1	35.1	30.8	36.6	31.2	27.6	23.1	20.3	4
5	18.6	17.8	16.7	16.2	34.8	35.8	30.6	37.3	30.7	25.7	23.0	20.5	5
6	18.3	17.6	16.3	16.4	35.4	37.9	31.3	37.5	31.2	26.3	22.6	20.4	6
7	18.4	17.5	16.2	16.6	35.8	35.5	31.0	37.4	30.3	27.3	22.4	20.5	7
8	18.5	17.4	16.2	16.6	36.0	35.4	30.6	36.9	29.6	25.4	22.2	21.0	8
9	18.5	17.3	16.3	17.3	36.1	35.0	30.4	36.4	29.8	27.6	22.0	20.4	9
10	18.4	17.3	16.3	17.2	37.2	36.0	30.8	36.0	28.7	26.4	22.0	20.6	10
11	18.7	17.5	16.2	17.2	37.4	34.7	30.9	36.0	28.1	25.1	22.0	20.4	11
12	18.2	17.5	16.3	17.5	37.5	35.9	31.2	35.8	28.4	25.6	21.8	20.2	12
13	18.2	17.4	16.2	17.6	37.4	34.6	31.1	36.8	28.9	26.5	21.9	20.6	13
14	18.2	17.5	16.3	17.7	37.7	33.8	31.4	36.3	28.7	25.0	22.1	20.2	14
15	18.1	17.2	16.2	17.9	37.9	32.0	30.9	37.0	28.1	25.6	21.9	20.1	15
16	18.2	17.0	16.2	18.2	38.0	31.4	30.7	35.7	28.4	25.3	21.9	20.3	16
17	18.0	17.0	16.1	18.5	37.1	31.7	30.9	34.5	28.0	25.4	21.8	20.2	17
18	18.1	16.8	16.0	19.4	38.0	31.3	33.7	34.7	28.7	25.4	21.6	20.3	18
19	18.0	16.6	15.9	19.7	38.4	30.0	34.2	36.8	28.3	25.2	21.5	20.0	19
20	18.2	16.9	15.9	18.8	37.9	32.5	34.4	34.5	28.0	25.1	21.5	19.8	20
21	17.9	16.9	16.0	20.6	38.7	32.2	34.2	35.2	27.8	25.1	21.7	19.8	21
22	17.8	17.0	16.2	21.2	38.5	31.0	34.0	34.0	28.4	25.0	21.5	19.9	22
23	17.8	16.8	15.9	22.2	39.0	28.8	36.2	33.5	27.3	24.8	21.3	19.8	23
24	18.0	16.8	15.8	23.2	38.6	31.0	36.0	35.3	24.7	24.9	21.5	19.9	24
25	17.9	17.1	15.9	24.6	38.7	30.2	36.4	32.5	25.1	24.6	21.2	19.8	25
26	17.7	17.1	16.0	26.1	38.3	30.2	36.5	32.3	24.7	25.3	21.0	19.9	26
27	17.8	16.9	16.1	27.1	39.1	30.3	35.9	31.9	26.5	26.7	21.2	19.9	27
28	18.0	17.0	16.1	28.2	38.7	28.7	35.4	32.3	27.2	26.4	20.8	19.8	28
29	17.8		16.1	29.8	38.1	28.4	35.8	33.5	27.6	25.6	20.7	19.7	29
30	17.5		16.1	31.0	38.7	28.7	37.4	35.1	28.4	26.3	20.6	19.7E	30
31	17.6		16.2		38.4		37.5	31.4		25.8		19.6E	31
TOTAL	563.6	482.8	502.9	601.7	1 147.4	995.4	1 016.3	1 084.1	880.2	802.1	658.2	625.0	TOTAL
MEAN	18.2	17.2	16.2	20.1	37.0	33.2	32.8	35.3	28.7	25.9	21.9	20.2	MEAN
MAX	18.9	17.8	17.1	31.0	39.1	41.2	37.5	37.5	32.8	28.4	24.7	21.0	MAX
MIN	17.5	16.6	15.8	15.9	31.8	28.4	28.0	31.4	24.7	24.6	20.5	19.6	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.6
MAXIMUM DAILY, 41.2 ON JUN 2
MINIMUM DAILY, 15.8 ON MAR 24
MAXIMUM INSTANTANEOUS,
45.9 AT 18:02 CST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 19 50 N
LONG 108 45 50 W
DRAINAGE AREA, 4 250 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	48 700	JUL	87 800
FEB	41 700	AUG	94 500
MAR	43 500	SEP	74 300
APR	52 000	OCT	69 300
MAY	99 100	NOV	55 900
JUN	86 000	DEC	54 000

TOTAL DISCHARGE, 808 000 dam³

CODETTE RESERVOIR ABOVE THE SPILLWAY - STATION NO. 05KD005

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	346.961	347.884	347.584	347.709	347.562	347.835	347.939	347.337	347.764	347.020	347.586	347.782	1
2	347.150	347.908	347.521	347.445	347.274	347.769	348.012	347.445	347.779	347.044	347.725	347.778	2
3	347.627	347.931	347.610	347.190	347.230	347.768	347.983	347.342	347.729	347.078	347.706	347.523	3
4	347.703	348.031	347.828	347.263	347.451	347.585	347.998	347.198	347.463	347.038	347.674	347.214	4
5	347.678	347.953	347.752	347.302	347.454	347.624	347.861	347.404	347.167	347.112	347.619	347.137	5
6	347.578	347.783	347.672	347.129	347.509	347.287	347.851	347.693	347.202	347.401	347.456	347.364	6
7	347.563	347.693	348.024	347.077	347.478	347.105	347.860	347.742	347.520	347.872	347.357	347.538	7
8	347.657	347.673	347.886	347.196	347.533	347.065	347.891	347.659	347.786	347.711	347.410	347.820	8
9	347.632	347.640	347.644	347.550	347.429	347.364	347.689	347.637	347.674	347.680	347.788	347.775	9
10	347.649	347.636	347.779	347.825	347.212	347.747	347.612	347.812	347.519	347.328	347.613	347.744	10
11	347.734	347.819	347.735	347.806	347.110	347.932	347.551	247.913	347.318	347.135	347.548	347.609	11
12	347.771	348.028	347.723	348.047	347.294	347.910	347.767	347.783	347.185	347.057	347.819	347.558	12
13	347.784	347.887	347.681	347.696	347.258	347.936	347.818	347.603	347.196	347.179	347.581	347.607	13
14	347.737	347.560	347.883	347.705	347.338	348.040	347.752	347.547	347.478	347.368	347.404	347.806	14
15	347.569	347.297	347.981	347.312	347.214	348.030	347.515	347.490	347.786	347.466	347.284	347.808	15
16	347.669	347.416	347.942	347.311	347.281	347.983	347.480	347.598	347.724	347.237	347.486	347.598	16
17	347.817	347.651	347.890	347.584	347.600	347.961	347.426	347.606	347.693	347.382	347.589	347.430	17
18	347.828	347.487	347.831	347.786	347.751	347.896	347.402	347.513	347.371	347.606	347.515	347.397	18
19	347.929	347.238	347.706	348.036	347.609	347.880	347.256	347.373	347.182	347.819	347.505	347.301	19
20	348.038	347.320	347.419	348.037	347.545	347.965	347.561	347.589	347.177	347.654	347.437	347.541	20
21	347.891	347.610	347.292	348.078	347.485	347.991	347.478	347.404	347.465	347.509	347.455	347.789	21
22	347.892	347.851	347.043	348.018	347.989	347.353	346.850	347.390	347.627	347.563	347.710	347.671	22
23	347.805	347.989	347.203	347.922	347.770	347.088	346.320	347.459	347.599	347.534	347.907	347.771	23
24	347.789	347.914	347.418	347.814	347.345	347.472	346.334	347.678	347.541	347.650	347.672	347.335	24
25	347.815	347.833	347.429	347.781	347.072	347.850	346.326	347.780	347.306	347.569	347.780	347.271	25
26	347.784	347.884	347.409	347.624	347.111	348.044	346.389	347.598	347.357	347.425	347.724	347.489	26
27	347.709	347.933	347.481	347.260	347.158	348.070	346.689	347.502	347.242	347.487	347.652	347.645	27
28	347.874	347.809	347.396	347.259	347.527	347.949	346.843	347.436	347.370	347.609	347.675	347.688	28
29	347.913		347.536	347.472	347.821	347.907	347.024	347.542	347.451	347.690	347.673	347.807	29
30	347.887		347.801	347.681	347.943	347.881	346.685	347.292	347.261	347.785	347.780	347.835	30
31	347.806		347.945		347.918		347.065	347.573		347.829		347.676	31
MEAN	347.717	347.738	347.646	347.604	347.461	347.742	347.356	347.547	347.466	347.450	347.605	347.597	MEAN
MAX	348.038	348.031	348.024	348.078	347.989	348.070	348.012	347.913	347.786	347.872	347.907	347.871	MAX
MIN	346.961	347.238	347.043	347.077	347.072	347.065	346.320	347.198	347.155	347.020	347.284	347.137	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 347.576
MAXIMUM DAILY, 348.078 ON APR 27
MINIMUM DAILY, 346.320 ON JUL 23
MAXIMUM INSTANTANEOUS,
348.214 AT 23 06 CST ON APR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 18 56 N
LONG 104 02 47 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CONJURING CREEK NEAR PRECEVILLE - STATION NO. 05MC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.005B	2.20 B	0.103	0.021	0.006	0.005	0.005	0.006	0.007B	---	1
2	---	---	0.004B	5.66 B	0.117	0.020	0.005	0.005	0.005	0.007	0.007B	---	2
3	---	---	0.003B	5.10 B	0.103	0.014	0.005	0.005	0.005	0.007	0.007B	---	3
4	---	---	0.004B	3.60 B	0.092	0.014	0.005	0.005	0.005	0.006	---	---	4
5	---	---	0.003B	3.18 B	0.110	0.022	0.005	0.005	0.005	0.006	---	---	5
6	---	---	0.003B	5.81	0.086	0.028	0.005	0.005	0.005	0.006	---	---	6
7	---	---	0.004B	6.93	0.083	0.022	0.005	0.005	0.005	0.006	---	---	7
8	---	---	0.004B	5.61	0.077	0.014	0.005	0.005	0.005	0.006	---	---	8
9	---	---	0.003B	4.21	0.091	0.011	0.005	0.005	0.005	0.006	---	---	9
10	---	---	0.003B	3.38	0.099	0.022	0.005	0.005	0.005	0.008	---	---	10
11	---	---	0.003B	2.65	0.081	0.013	0.005	0.005	0.005	0.006	---	---	11
12	---	---	0.004B	2.12	0.074	0.010	0.005	0.005	0.005	0.006	---	---	12
13	---	---	0.004B	1.45 B	0.091	0.014	0.005	0.005	0.005	0.006	---	---	13
14	---	---	0.004B	0.976B	0.078	0.012	0.005	0.005	0.005	0.006	---	---	14
15	---	---	0.004B	0.811B	0.094	0.010	0.005	0.005	0.005	0.006	---	---	15
16	---	---	0.005B	0.737	0.076	0.012	0.005	0.005	0.005	0.007	---	---	16
17	---	---	0.004B	0.578	0.079	0.007	0.005	0.005	0.005	0.007	---	---	17
18	---	---	0.004B	0.439	0.091	0.008	0.005	0.005	0.005	0.007	---	---	18
19	---	---	0.005B	0.345	0.120	0.007	0.005	0.005	0.005	0.007	---	---	19
20	---	---	0.005B	0.259	0.107	0.007	0.005	0.005	0.005	0.007	---	---	20
21	---	---	0.005B	0.211	0.085	0.010	0.005	0.005	0.005	0.008	---	---	21
22	---	---	0.009B	0.183	0.078	0.011	0.005	0.005	0.005	0.007	---	---	22
23	---	---	0.006B	0.163	0.057	0.010	0.005	0.005	0.005	0.007	---	---	23
24	---	---	0.005B	0.131	0.071	0.009	0.005	0.005	0.005	0.007	---	---	24
25	---	---	0.005B	0.135	0.059	0.008	0.005	0.005	0.005	0.007	---	---	25
26	---	---	0.006B	0.111	0.070	0.007	0.005	0.005	0.006	0.008	---	---	26
27	---	0.005B	0.007B	0.107	0.063	0.007	0.005	0.006	0.007	0.007	---	---	27
28	---	0.005B	0.011B	0.084	0.074	0.007	0.005	0.005	0.006	0.007	---	---	28
29	---		0.322B	0.076	0.051	0.006	0.005	0.005	0.005	0.007B	---	---	29
30	---		1.31 B	0.089	0.040	0.005	0.005	0.004	0.006	0.007B	---	---	30
31	---		1.96 B		0.027		0.005	0.005		0.007B		---	31
TOTAL	---	---	3.724	57.345	2.507	0.369	0.156	0.156	0.157	0.208	---	---	TOTAL
MEAN	---	---	0.120	1.91	0.081	0.012	0.005	0.005	0.005	0.007	---	---	MEAN
MAX	---	---	1.96	6.93	0.120	0.028	0.006	0.006	0.007	0.008	---	---	MAX
MIN	---	---	0.003	0.076	0.027	0.005	0.005	0.004	0.005	0.006	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.284
MAXIMUM DAILY, 6.93 ON APR 7
MINIMUM DAILY, 0.003B ON MAR 3
MAXIMUM INSTANTANEOUS,
8.438 AT 18:23 CST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 56 30 N
LONG 102 43 00 W
DRAINAGE AREA, 255 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	13.5
FEB	---	AUG	13.5
MAR	322	SEP	13.4
APR	4 950	OCT	18.0
MAY	217	NOV	---
JUN	31.8	DEC	---

TOTAL DISCHARGE, 5 580 dam³

COOKSON RESERVOIR NEAR CORONACH - STATION NO 11AE013

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	752.225	752.240	753.218	753.023	752.986	752.957	752.841	752.738	752.552	752.539	752.490	752.471	1
2	752.228	752.242	753.262	753.021	752.983	752.956	752.838	752.733	752.550	752.553	752.489	752.467	2
3	752.230	752.244	753.272	753.010	752.981	752.955	752.835	752.730	752.559	752.546	752.491	752.468	3
4	752.231	752.244	753.266	753.006	752.985	752.946	752.834	752.726	752.550	752.547	752.496	752.469	4
5	752.230	752.245	753.250	753.008	752.972	752.940	752.862	752.720	752.545	752.550	752.498	752.467	5
6	752.229	752.242	753.222	753.003	752.969	752.934	752.858	752.716	752.543	752.549	752.498	752.465	6
7	752.232	752.238	753.184	753.001	752.983	752.932	752.850	752.710	752.537	752.548	752.496	752.465	7
8	752.233	752.238	753.182	752.994	752.985	752.929	752.852	752.705	752.534	752.555	752.490	752.461	8
9	752.233	752.237	753.181	752.991	752.973	752.941	752.848	752.693	752.531	752.555	752.480	752.458A	9
10	752.234	752.236	753.180	752.991	752.988A	752.939	752.855	752.685	752.531	752.549	752.475	752.456E	10
11	752.232	752.235	753.182	752.982	752.992	752.935	752.864	752.681	752.529	752.543	752.473	752.454E	11
12	752.234	752.234	753.176	752.974	753.018	752.921	752.866	752.679	752.520	752.541	752.467	752.452E	12
13	752.237	752.235	753.171	752.975	753.018	752.916	752.865	752.673	752.513	752.540	752.465	752.450E	13
14	752.238	752.235	753.164	752.972	753.013	752.909	752.862	752.668	752.512	752.535	752.463	752.448A	14
15	752.238	752.237	753.157	752.975	753.003	752.905	752.858	752.664	752.507	752.537	752.463	752.446	15
16	752.240	752.238	753.154	752.980	752.999	752.899	752.857	752.655	752.501	752.535	752.465	752.445	16
17	752.240	752.239	753.147	752.989	752.997	752.897	752.849	752.647	752.501	752.535	752.465	752.447	17
18	752.239	752.240	753.137	752.989	752.998	752.895	752.839	752.640	752.498	752.535	752.465	752.450	18
19	752.244	752.240	753.127	752.987	753.001	752.902	752.831	752.637	752.504	752.533	752.471	752.450	19
20	752.243	752.239	753.118	752.987	753.000	752.896	752.828	752.624	752.506	752.529	752.470	752.450	20
21	752.241	752.244	753.108	752.988	752.998	752.890	752.821	752.615	752.518	752.530	752.474	752.451	21
22	752.240	752.243	753.094	752.994	752.992	752.884	752.818	752.609	752.513	752.528	752.472	752.451	22
23	752.237	752.246	753.085	752.992	752.990	752.878	752.809	752.603	752.513	752.521	752.471	752.452	23
24	752.237	752.248	753.082	752.985	752.988	752.874	752.802	752.598	752.516	752.518	752.476	752.452	24
25	752.238	752.260	753.066	752.984	752.986	752.871	752.796	752.591	752.541	752.518	752.473	752.452	25
26	752.234	752.451	753.059	752.985	752.983	752.862	752.792	752.582	752.542	752.516	752.473	752.452	26
27	752.237	752.846	753.054	752.982	752.978	752.855	752.784	752.578	752.544	752.513	752.474	752.451	27
28	752.239	753.091	753.052	752.981	752.975	752.847	752.777	752.575	752.544	752.508	752.475	752.450	28
29	752.238		753.043	752.976	752.971	752.845	752.771	752.574	752.541	752.504	752.474	752.448	29
30	752.237		753.037	752.971	752.971	752.844	752.756	752.569	752.539	752.496	752.472	752.449	30
31	752.238		753.030		752.968		752.744	752.563		752.496		752.448	31
MEAN	752.235	752.300	753.144	752.990	752.985	752.905	752.826	752.651	752.526	752.532	752.477	752.455	MEAN
MAX	752.244	753.091	753.272	753.023	753.018	752.957	752.866	752.738	752.559	752.556	752.498	752.471	MAX
MIN	752.225	752.234	753.030	752.971	752.961	752.844	752.744	752.563	752.498	752.496	752.463	752.445	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 752.672
MAXIMUM DAILY, 753.272 ON MAR 3
MINIMUM DAILY, 752.225 ON JAN 1
MAXIMUM INSTANTANEOUS
753.278 AT 16 45 CST ON MAR 3

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 03 25 N
LONG 105 28 23 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1975

DRAINAGE AREA,
1 370 km²

COTTONWOOD CREEK NEAR LUMSDEN - STATION NO 05JF011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.1288	0.0598	0.012	0.004	0	0	0	0	---	---	1
2	---	0 B	0.2438	0.0308	0.015	0.002	0	0	0	0	---	---	2
3	---	0 B	0.7918	0.013	0.013	0.001	0	0	0	0	---	---	3
4	---	0 B	0.9998	0.014	0.016	0.001	0	0	0	0	---	---	4
5	---	0 B	0.7418	0.010	0.031	0.001	0	0	0	0	---	---	5
6	---	0 B	0.6798	0.007	0.148	0.001	0	0	0	0	---	---	6
7	---	0 B	0.5258	0.007	0.099	0.001	0	0	0	0	---	---	7
8	---	0 B	0.3628	0.005	0.058	0.001	0	0	0	0	---	---	8
9	---	0 B	0.2078	0.003	0.082	0.001	0	0	0	0	---	---	9
10	---	0 B	0.1768	0.003	0.707	0	0	0	0	0	---	---	10
11	---	0 B	0.1548	0.001	2.62	0	0	0	0	0	---	---	11
12	---	0 B	0.1418	0	1.10	0	0	0	0	0	---	---	12
13	---	0 B	0.1638	0	0.712	0	0	0	0	0	---	---	13
14	---	0 B	0.3008	0	0.541	0	0	0	0	0	---	---	14
15	---	0 B	0.5168	0	0.408	0	0	0	0	0	---	---	15
16	---	0 B	0.8958	0	0.320	0	0	0	0	0	---	---	16
17	---	0 B	0.7358	0.001	0.272	0	0	0	0	0	---	---	17
18	---	0 B	0.6768	0.002	0.252	0	0	0	0	0	---	---	18
19	---	0 B	0.6958	0.002	0.231	0	0	0	0	0	---	---	19
20	---	0 B	0.5898	0.004	0.196	0	0	0	0	0	---	---	20
21	---	0 B	0.6488	0.007	0.155	0	0	0	0	0	---	---	21
22	---	0 B	0.4898	0.009	0.153	0	0	0	0	0	---	---	22
23	---	0 B	0.2958	0.012	0.148	0	0	0	0	0	---	---	23
24	---	0 B	0.2038	0.020	0.121	0	0	0	0	0	---	---	24
25	---	0 B	0.1348	0.027	0.090	0	0	0	0	0	---	---	25
26	---	0 B	0.1108	0.022	0.071	0	0	0	0	0	---	---	26
27	---	0 B	0.1518	0.023	0.058	0	0	0	0	0	---	---	27
28	---	0.0238	0.1458	0.021	0.030	0	0	0	0	0	---	---	28
29	---		0.1188	0.015	0.028	0	0	0	0	0	---	---	29
30	---		0.0848	0.012	0.013	0	0	0	0	0	---	---	30
31	---		0.0718		0.009		0	0		0		---	31
TOTAL	---	0.023	12.175	0.329	8.715	0.013	0	0	0	0	---	---	TOTAL
MEAN	---	0.001	0.393	0.011	0.281	0	0	0	0	0	---	---	MEAN
MAX	---	0.023	0.999	0.059	2.62	0.004	0	0	0	0	---	---	MAX
MIN	---	0	0.071	0	0.009	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.087
MAXIMUM DAILY, 2.62 ON MAY 11
MINIMUM DAILY, 0 ON APR 12
MAXIMUM INSTANTANEOUS,
3.68 AT 04.38 CST ON MAY 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 25 N
LONG 104 54 31 W

DRAINAGE AREA, 815 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	1.99	AUG	0
MAR	1 050	SEP	0
APR	28.4	OCT	0
MAY	753	NOV	---
JUN	1.13	DEC	---

TOTAL DISCHARGE, 1 830 dam³

COWAN LAKE NEAR HONEYMOON POINT - STATION NO. 06AE002

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	476.238	476.310	476.356	476.256	476.200	476.184	---	1
2	---	---	---	---	---	476.256	476.284	476.352	476.256	476.196	476.174	---	2
3	---	---	---	---	---	476.256	476.308	476.352	476.250	476.192	---	---	3
4	---	---	---	---	---	476.260	476.292	476.380	476.266	476.196	---	---	4
5	---	---	---	---	---	476.260	476.292	476.358	476.250	476.186	476.180	---	5
6	---	---	---	---	---	476.286	476.288	476.370	476.234	476.194	---	---	6
7	---	---	---	---	---	476.270	476.284	476.380	476.234	476.196	---	---	7
8	---	---	---	---	---	476.260	476.270	476.382	476.218	476.190	---	---	8
9	---	---	---	---	---	476.270	476.282	476.380	476.220	476.190	---	---	9
10	---	---	---	---	---	476.270	476.256	476.358	476.218	476.198	---	---	10
11	---	---	---	---	---	476.278	476.258	476.350	476.216	476.186	---	---	11
12	---	---	---	---	---	476.273	476.260	476.356	476.222	476.174	---	---	12
13	---	---	---	---	---	476.270	476.244	476.352	476.216	476.186	---	---	13
14	---	---	---	---	---	476.272	476.258	476.360	476.216	476.176	---	---	14
15	---	---	---	---	---	476.270	476.256	476.350	476.212	476.184	---	---	15
16	---	---	---	---	---	476.270	476.260	476.342	476.208	476.174	---	---	16
17	---	---	---	---	---	476.250	476.262	476.332	476.214	476.176	---	---	17
18	---	---	---	---	---	476.280	476.272	476.332	476.210	476.174	---	---	18
19	---	---	---	---	---	476.288	476.286	476.338	476.208	476.176	---	---	19
20	---	---	---	---	---	476.296	476.284	476.330	476.210	476.182	---	---	20
21	---	---	---	---	476.238	476.300	476.276	476.316	476.214	476.174	---	---	21
22	---	---	---	---	476.233	476.312	476.262	476.306	476.206	476.182	---	---	22
23	---	---	---	---	476.246	476.306	476.274	476.292	476.208	476.178	---	---	23
24	---	---	---	---	476.250	476.312	476.260	476.310	476.196	476.172	---	---	24
25	---	---	---	---	476.236	476.310	476.262	476.306	476.200	476.180	---	---	25
26	---	---	---	---	476.230	476.316	476.266	476.290	476.184	476.184	---	---	26
27	---	---	---	---	476.224	476.320	476.258	476.272	476.200	476.186	---	---	27
28	---	---	---	---	476.230	476.314	476.290	476.252	476.206	476.190	---	---	28
29	---		---	---	476.230	476.306	476.290	476.250	476.210	476.194	---	---	29
30	---		---	---	476.244	476.310	476.322	476.236	476.206	476.194	---	---	30
31	---		---		476.248		476.346	476.272		476.190		---	31
MEAN	---	---	---	---	---	476.282	476.277	476.327	476.219	476.185	---	---	MEAN
MAX	---	---	---	---	---	476.320	476.346	476.370	476.266	476.200	---	---	MAX
MIN	---	---	---	---	---	476.238	476.244	476.236	476.184	476.172	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 476.370 ON AUG 6

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 57 52 N
LONG 107 12 24 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CREE LAKE AT CABLE BAY - STATION NO 07LD001

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	486.721	486.772	486.789	486.790	486.804	486.833	486.824	486.886	486.772E	486.707E	486.671	486.683	1
2	486.732	486.774	486.801	486.787	486.805	486.825	486.815	486.881	486.769E	486.706E	486.684	486.682	2
3	486.726	486.773	486.796	486.799	486.807	486.829	486.819	486.872E	486.766E	486.704E	486.680	486.683	3
4	486.729	486.773	486.807	486.797	486.808	486.828	486.904	486.868E	486.764E	486.703E	486.670	486.682	4
5	486.730	486.773	486.794	486.794	486.810	486.829	486.917	486.864E	486.761E	486.701E	486.673	486.683	5
6	486.733	486.772	486.796	486.790	486.811	486.824	486.868	486.859E	486.759E	486.700E	486.695	486.685	6
7	486.731	486.775	486.803	486.789	486.809	486.827	486.860	486.855E	486.757E	486.707A	486.685	486.697	7
8	486.733	486.776	486.810	486.797	486.809	486.823	486.864	486.851E	486.754E	486.706	486.675	486.694	8
9	486.732	486.778	486.805	486.788	486.808	486.833	486.867	486.847E	486.751E	486.685	486.655	486.691	9
10	486.738	486.778	486.801	486.789	486.810	486.832	486.867	486.843E	486.748E	486.700	486.667	486.690	10
11	486.734	486.777	486.806	486.784	486.812	486.830	486.872	486.839E	486.746E	486.683	486.684	486.686	11
12	486.740	486.778	486.807	486.784	486.813	486.823	486.874	486.835E	486.744E	486.688	486.685	486.684	12
13	486.742	486.778	486.808	486.784	486.814	486.818	486.870	486.831E	486.742E	486.700	486.674	486.683	13
14	486.743	486.777	486.804	486.788	486.812	486.820	486.875	486.828E	486.739E	486.683	486.689	486.685	14
15	486.744	486.780	486.804	486.790	486.811	486.832	486.905	486.825E	486.737E	486.687	486.677	486.689	15
16	486.741	486.782	486.803	486.788	486.817	486.823	486.911	486.821E	486.735E	486.692	486.670	486.688	16
17	486.745	486.783	486.801	486.790	486.818	486.822	486.897	486.818E	486.733E	486.691	486.689	486.689	17
18	486.747	486.782	486.802	486.795	486.825	486.827	486.911	486.815E	486.731E	486.685	486.688	486.687	18
19	486.752	486.782	486.801	486.790	486.827	486.838	486.895	486.812E	486.729E	486.678	486.677	486.691	19
20	486.746	486.784	486.802	486.795	486.832	486.797	486.870	486.808E	486.727E	486.682	486.682	486.695	20
21	486.751	486.785	486.810	486.792	486.834	486.810	486.875	486.805E	486.725E	486.683	486.676	486.694	21
22	486.753	486.789	486.798	486.794	486.835	486.822	486.886	486.802E	486.723E	486.685	486.675	486.690	22
23	486.763	486.791	486.801	486.793	486.827	486.820	486.889	486.799E	486.721E	486.682	486.682	486.703	23
24	486.758	486.800	486.803	486.795	486.826	486.808	486.883	486.796E	486.719E	486.683	486.677	486.697	24
25	486.758	486.799	486.802	486.798	486.828	486.808	486.888	486.793E	486.717E	486.688	486.675	486.702	25
26	486.759	486.798	486.808	486.801	486.831	486.807	486.892	486.789E	486.716E	486.686	486.683	486.698	26
27	486.764	486.801	486.801	486.802	486.830	486.802	486.897	486.786E	486.714E	486.700	486.682	486.698	27
28	486.766	486.801	486.800	486.796	486.831	486.808	486.921	486.783E	486.712E	486.699	486.684	486.701	28
29	486.761		486.789	486.803	486.837	486.807	486.913	486.780E	486.710E	486.687	486.685	486.703	29
30	486.767		486.798	486.805	486.837	486.808	486.886	486.777E	486.709E	486.682	486.683	486.699	30
31	486.773		486.795		486.829		486.885	486.775E		486.657		486.695	31
MEAN	486.746	486.783	486.802	486.793	486.820	486.820	486.881	486.824	486.738	486.691	486.676	486.691	MEAN
MAX	486.773	486.801	486.810	486.805	486.837	486.838	486.921	486.886	486.772	486.707	486.695	486.703	MAX
MIN	486.721	486.772	486.794	486.784	486.804	486.797	486.815	486.775	486.709	486.657	486.655	486.682	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 486.772
MAXIMUM DAILY, 486.921 ON JUL 28
MINIMUM DAILY, 486.655 ON NOV 9
MAXIMUM INSTANTANEOUS,
486.953 AT 16:32 CST ON JUL 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 21 00 N
LONG 107 08 00 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

CREE RIVER AT OUTLET OF WAPATA LAKE - STATION NO. 07LD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	91.1	92.9	93.7	110	188	170	144	170	153	137	115	110	1
2	90.9	93.0	93.4	110	172	168	143	170	151	137	113	111	2
3	91.0	93.3	92.9	111	174	167	143	170	151	137	111	112	3
4	91.0	93.8	92.9	112	179	165	148	170	153	136	111	113	4
5	90.8	93.7	93.0	113	183	164	150	170	154	137	112	113	5
6	90.0	93.7	93.7	114	189	162	152	170	155	137	114	112	6
7	90.1	93.6	94.4	115	194	161	156	171	157	136	116	112	7
8	90.1	93.1	95.5	117	202	160	159	170	156	137	116	113	8
9	90.1	92.7	96.7	118	208	160	161	169	156	138	114	113	9
10	90.0	92.8	97.3	121	207	159	162	168	155	137	111	113	10
11	89.9	93.5	98.0	123	206	157	164	167	153	138	108	112	11
12	89.9	93.8	99.1	125	205	156	166	166	152	138	107	111	12
13	90.6	94.6	99.6	125	202	154	167	164	151	138	105	110	13
14	90.6	95.1	100	124	199	153	167	164	151	137	104	110	14
15	90.2	95.5	100	123	197	152	167	162	150	137	103	110	15
16	90.0	95.4	100	124	195	152	168	160	149	138	102	110	16
17	89.9	95.2	100	125	193	152	168	160	147	137	101	110	17
18	89.9	94.7	101	127	190	152	167	159	147	137	101	110	18
19	90.0	94.6	101	128	191	152	167	159	146	136	100	111	19
20	90.8	94.7	103	129	190	150	166	160	146	136	100	110	20
21	92.2	94.8	104	130	190	150	166	161	145	136	100	111	21
22	91.6	94.7	106	131	189	149	168	161	144	135	100	111	22
23	91.7	94.6	106	133	188	149	168	161	143	135	101	112	23
24	91.8	95.1	107	134	186	150	168	160	143	134	103	113	24
25	91.8	94.9	107	136	184	150	170	159	142	134	104	114	25
26	92.1	95.0	108	139	182	148	171	159	140	133	105	114	26
27	93.3	95.0	108	142	180	147	171	158	139	133	106	113	27
28	93.4	94.6	109	148	179	147	171	157	139	131	107	113	28
29	93.1		109	156	177	146	171	156	138	130	108	113	29
30	93.1		108	163	174	145	171	154	137	125	109	113	30
31	93.0		109		172		170	153		120		113	31
TOTAL	2 823.8	2 638.7	3 127.2	3 807	5 845	4 847	5 050	5 058	4 443	4 187	3 201	3 488	TOTAL
MEAN	91.1	94.2	101	127	189	155	163	163	148	135	107	112	MEAN
MAX	93.4	95.5	109	163	208	170	171	171	157	138	116	114	MAX
MIN	89.9	92.7	92.9	110	168	145	143	153	137	120	100	110	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 132
MAXIMUM DAILY, 208 ON MAY 9
MINIMUM DAILY, 89.9 ON JAN 11
MAXIMUM INSTANTANEOUS,
216 AT 12 10 CST ON MAY 12

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 51 30 N
LONG 105 49 10 W
DRAINAGE AREA, 20 700 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	244 000	JUL	436 000
FEB	228 000	AUG	437 000
MAR	270 000	SEP	384 000
APR	328 000	OCT	362 000
MAY	505 000	NOV	277 000
JUN	402 000	DEC	299 000

TOTAL DISCHARGE, 4 170 000 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE OCCURRED AS A RESULT OF WIND EFFECT ON WAPATA LAKE

CREIGHTON TRIBUTARY NEAR TOTNES - STATION NO. 05HF014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.004B	0.003B	0.001	0	0	0	0	0.003	0	---	1
2	---	0 B	0.004B	0.002B	0.001	0.001	0	0	0	0.003	0.001	---	2
3	---	0 B	0.004B	0.002B	0.001	0	0	0	0	0.002	0.002	---	3
4	---	0 B	0.004B	0.002B	0.002	0	0	0	0	0.002	0.002	---	4
5	---	0 B	0.004B	0.002B	0.002	0.002	0	0	0	0.002	0.001	---	5
6	---	0 B	0.003B	0.002B	0.001	0.001	0	0	0	0.001	0.001	---	6
7	---	0 B	0.001B	0.002B	0.001	0	0	0	0	0.001	---	---	7
8	---	0 B	0.001B	0.001B	0.001	0.001	0	0	0	0.001	---	---	8
9	---	0 B	0.001B	0.001B	0.004	0.001	0	0	0	0.001	---	---	9
10	---	0 B	0.001B	0.001B	0.004	0	0	0	0	0.001	---	---	10
11	---	0 B	0.005B	0.001B	0.005	0	0.001	0	0	0.001	---	---	11
12	---	0 B	0.027B	0.001B	0.004	0	0.001	0	0	0.001	---	---	12
13	---	0 B	0.035B	0.001B	0.002	0	0	0	0	0.001	---	---	13
14	---	0 B	0.043B	0.001B	0.002	0	0	0	0	0.001	---	---	14
15	---	0 B	0.024B	0.001B	0.001	0.001	0	0	0	0.001	---	---	15
16	---	0 B	0.007B	0.001	0.001	0.001	0	0	0.001	0.001	---	---	16
17	---	0 B	0.003B	0.001	0.001	0	0.002	0	0.001	0.001	---	---	17
18	---	0 B	0.004B	0.001	0.001	0	0	0	0	0.001	---	---	18
19	---	0 B	0.011B	0.001	0.001	0	0	0	0	0.001	---	---	19
20	---	0 B	0.008B	0.001	0.002	0	0	0	0.001	0.001	---	---	20
21	---	0 B	0.020B	0.001	0.011	0	0	0	0.002	0.001	---	---	21
22	---	0 B	0.008B	0.001	0.222	0	0	0	0.001	0.001	---	---	22
23	---	0 B	0.004B	0.001	0.039	0	0	0	0.001	0.001	---	---	23
24	---	0 B	0.002B	0.001	0.008	0	0	0	0	0.001	---	---	24
25	---	0 B	0.002B	0.001	0.003	0	0	0	0.002	0.001	---	---	25
26	---	0 B	0.002B	0.001	0.002	0	0	0	0.004	0.001	---	---	26
27	---	0.001B	0.021B	0.001	0.001	0	0.001	0	0.002	0.001	---	---	27
28	---	0.002B	0.024B	0.001	0.001	0	0	0	0.001	0.001	---	---	28
29	---		0.026B	0.001	0.001	0	0	0	0.001	0.001	---	---	29
30	---		0.014B	0.001	0.001	0	0	0	0.001	0.001	---	---	30
31	---		0.005B		0		0.001	0		0.001		---	31
TOTAL	---	0.003	0.323	0.038	0.327	0.008	0.006	0	0.018	0.038	---	---	TOTAL
MEAN	---	0	0.010	0.001	0.011	0	0	0	0.001	0.001	---	---	MEAN
MAX	---	0.002	0.043	0.003	0.222	0.002	0.002	0	0.004	0.003	---	---	MAX
MIN	---	0	0.001	0.001	0	0	0	0	0	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.003
MAXIMUM DAILY, 0.222 ON MAY 22
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
0.696 AT 07:44 CST ON MAY 22

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 20 08 N
LONG 108 27 03 W
DRAINAGE AREA, 13.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.52
FEB	0.26	AUG	0
MAR	27.9	SEP	1.56
APR	3.28	OCT	3.28
MAY	28.3	NOV	---
JUN	0.69	DEC	---

TOTAL DISCHARGE, 65.8 dam³

CROMARTY CREEK NEAR BIRCH HILLS - STATION NO. 05HM002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.5238	0	0	0	0	0	0	0	---	1
2	---	---	0 B	0.264	0	0	0	0	0	0	B	---	2
3	---	---	0 B	0.130	0	0	0	0	0	0	B	---	3
4	---	---	0 B	0.110	0	0	0	0	0	0	B	---	4
5	---	---	0 B	0.123	0	0	0	0	0	0	B	---	5
6	---	---	0 B	0.135	0	0	0	0	0	0	0	---	6
7	---	---	0 B	0.084	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.056	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.005	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.038	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.001	0.025	B	0	0	0	0	---	---	16
17	---	---	0 B	0.002	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0	0	0	0	0	0	0	---	---	20
21	---	---	0.0058	0	0	0	0	0	0	0	---	---	21
22	---	---	0.0438	0	0	0	0	0	0	0	---	---	22
23	---	---	0.3048	0	0	0	0	0	0	0	---	---	23
24	---	---	0.3418	0	0	0	0	0	0	0	---	---	24
25	---	---	0.2338	0	0	0	0	0	0	0	---	---	25
26	---	---	0.0828	0	0	0	0	0	0	0	---	---	26
27	---	---	0.2968	0	0	0	0	0	0	0	---	---	27
28	---	---	2.98 B	0	0	0	0	0	0	0	---	---	28
29	---		1.79 B	0	0	0	0	0	0	0	---	---	29
30	---		0.9778	0	0	0	0	0	0	0	---	---	30
31	---		0.7328		0		0	0		0		---	31
TOTAL	---	---	7.783	1.475	0.025	B	B	B	0	B	---	---	TOTAL
MEAN	---	---	B.251	0.049	0.001	0	0	0	0	0	---	---	MEAN
MAX	---	---	2.98	0.527	0.025	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.038
MAXIMUM DAILY, 2.988 ON MAR 28
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.678 AT 04:27 CST ON MAR 28

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 57 32 N
LONG 105 28 16 W
DRAINAGE AREA, 71.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	672	SEP	0
APR	127	OCT	0
MAY	2.16	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 801 dam³

CROOKED HILL CREEK NEAR CANORA - STATION NO. 05MB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	8.10 B	0.251	0	0	0.033	0	0	0	---	1
2	---	---	0 B	9.73 B	0.227	0	0	0.025	0	0	0B	---	2
3	---	---	0 B	6.72 B	0.194	0	0	0.021	0	0	0B	---	3
4	---	---	0 B	10.4 B	0.178	0	0	0.019	0	0	---	---	4
5	---	---	0 B	13.7	0.171	0	0.005	0.019	0	0	---	---	5
6	---	---	0 B	13.3	0.180	0.004	0.010	0.018	0	0	---	---	6
7	---	---	0 B	12.6	0.127	0.033	0.011	0.017	0	0	---	---	7
8	---	---	0 B	11.3	0.123	0.030	0.014	0.014	0	0	---	---	8
9	---	---	0 B	9.53	0.143	0.034	0.020	0.011	0	0	---	---	9
10	---	---	0 B	8.06	0.180	0.050	0.025	0.007	0	0	---	---	10
11	---	---	0 B	6.41	0.168	0.059	0.027	0	0	0	---	---	11
12	---	---	0 B	4.02 B	0.152	0.033	0.029	0	0	0	---	---	12
13	---	---	0 B	3.90 B	0.145	0.028	0.054	0	0	0	---	---	13
14	---	---	0 B	3.62 B	0.118	0.025	0.084	0	0	0	---	---	14
15	---	---	0 B	3.42 B	0.111	0.026	0.044	0	0	0	---	---	15
16	---	---	0 B	2.45 B	0.111	0.026	0.037	0	0	0	---	---	16
17	---	---	0 B	2.19	0.103	0.026	0.032	0	0	0	---	---	17
18	---	---	0 B	2.10	0.095	0.025	0.025	0	0	0	---	---	18
19	---	---	0 B	1.97	0.100	0.023	0.020	0	0	0	---	---	19
20	---	---	0 B	1.46	0.155	0.020	0.017	0	0	0	---	---	20
21	---	---	0.0018	1.14	0.114	0.017	0.014	0	0	0	---	---	21
22	---	---	0.1028	0.929	0.072	0.013	0.012	0	0	0	---	---	22
23	---	---	0.1158	0.846	0.044	0.011	0.009	0	0	0	---	---	23
24	---	---	0.0528	0.823	0.032	0.008	0.008	0	0	0	---	---	24
25	---	---	0.0538	0.677	0.024	0.006	0.004	0	0.001	0	---	---	25
26	---	---	0.0538	0.568	0.017	0.007	0.002	0	0.001	0	---	---	26
27	---	---	0.0988	0.462	0.010	0.004	0.001	0	0.001	0	---	---	27
28	---	---	0.4098	0.385	0.004	0.002	0.003	0	0	0	---	---	28
29	---		1.55 B	0.318	0.001	0	0.002	0	0	0	---	---	29
30	---		2.26 B	0.284	0	0	0.081	0	0	0	---	---	30
31	---		4.53 B		0		0.053	0		0		---	31
TOTAL	---	---	9.221	143.412	3.332	0.516	0.621	0.184	0.003	B	---	---	TOTAL
MEAN	---	---	0.297	4.78	0.107	0.017	0.020	0.006	0	0	---	---	MEAN
MAX	---	---	4.53	13.7	0.251	0.059	0.081	0.033	0.001	0	---	---	MAX
MIN	---	---	0	0.284	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.642
MAXIMUM DAILY, 13.7 ON APR 5
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
14.2 AT 07:55 CST ON APR 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 39 48 N
LONG 102 25 41 W
DRAINAGE AREA, 582 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	53.7
FEB	---	AUG	15.9
MAR	797	SEP	0.26
APR	12 400	OCT	0
MAY	288	NOV	---
JUN	44.6	DEC	---

TOTAL DISCHARGE, 13 800 dam³

CROOKED LAKE NEAR GRAYSON - STATION NO. 05JM006

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	450.940	450.873	450.864	451.523	451.675	451.670	451.693	451.655	451.507	451.461	451.175	450.749	1
2	450.937	450.870	450.868	451.550	451.672	451.672	451.686	451.648	451.505	451.446	451.170	450.749	2
3	450.934	450.870	450.876	451.584	451.670	451.674	451.680	451.645	451.503	451.433	451.164	450.742	3
4	450.927	450.886	450.888	451.570	451.672	451.667	451.668	451.642	451.503	451.427	451.143A	450.747	4
5	450.923	450.865	450.913	451.572	451.686	451.667	451.692	451.639	451.497	451.415	451.115	450.748	5
6	450.915	450.871	450.939	451.574	451.718	451.676	451.683	451.641	451.494	451.409	451.089	450.745	6
7	450.912	450.889	450.967	451.576	451.718	451.678	451.669	451.642	451.495	451.404	451.060	450.742	7
8	450.911	450.886	450.998	451.587	451.720	451.674	451.662	451.628	451.490	451.396	451.031	450.741	8
9	450.909	450.885	451.025	451.600	451.751	451.681	451.658	451.626	451.491	451.374	451.001	450.740	9
10	450.904	450.885	451.043	451.612	451.768	451.684	451.658	451.613	451.492	451.355	450.979	450.744	10
11	450.902	450.870	451.057	451.624	451.777	451.688	451.681	451.609	451.497	451.335	450.951	450.745	11
12	450.894	450.868	451.084	451.628	451.795	451.686	451.682	451.603	451.496	451.323	450.947	450.742	12
13	450.893	450.869	451.086	451.634	451.800	451.678	451.670	451.596	451.488	451.316	450.927	450.746	13
14	450.890	450.867	451.082	451.648	451.802	451.675	451.683	451.591	451.485	451.311	450.916	450.741	14
15	450.887	450.868	451.082	451.650	451.804	451.680	451.691	451.587	451.480	451.306	450.909	450.738	15
16	450.885	450.870	451.072	451.651	451.799	451.682	451.686	451.580	451.484	451.296	450.899	450.734	16
17	450.885	450.875	451.086	451.659	451.785	451.684	451.685	451.570	451.483	451.291	450.881	450.731	17
18	450.885	450.871	451.103	451.684	451.780	451.691	451.683	451.564	451.481	451.292	450.861	450.726	18
19	450.889	450.870	451.114	451.686	451.774	451.693	451.674	451.571	451.479	451.288	450.847	450.722	19
20	450.890	450.867	451.131	451.683	451.768	451.691	451.670	451.549	451.479	451.286	450.831	450.720	20
21	450.892	450.870	451.151	451.682	451.754	451.692	451.669	451.542	451.483	451.286	450.824	450.720	21
22	450.894	450.868	451.178	451.687	451.741	451.688	451.668	451.537	451.483	451.283	450.808	450.719	22
23	450.893	450.870	451.203	451.679	451.736	451.681	451.671	451.525	451.482	451.280	450.786	450.717	23
24	450.895	450.870	451.231	451.678	451.727	451.678	451.667	451.526	451.478	451.242	450.781	450.717	24
25	450.892	450.869	451.256	451.672	451.717	451.680	451.662	451.519	451.479	451.228	450.785	450.712	25
26	450.883	450.867	451.270	451.671	451.708	451.706	451.663	451.514	451.496	451.209	450.776	450.712	26
27	450.881	450.864	451.287	451.672	451.699	451.705	451.664	451.514	451.496	451.198	450.767	450.712	27
28	450.880	450.862	451.338	451.676	451.693	451.701	451.675	451.514	451.495	451.187	450.761	450.711	28
29	450.877		451.380	451.675	451.689	451.692	451.674	451.511	451.492	451.179	450.758	450.711	29
30	450.874		451.439	451.677	451.682	451.689	451.673	451.511	451.475	451.176	450.752	450.714	30
31	450.873		451.486		451.680		451.683	451.508		451.184		450.717	31
MEAN	450.898	450.868	451.111	451.631	451.734	451.683	451.673	451.578	451.490	451.309	450.924	450.731	MEAN
MAX	450.940	450.875	451.486	451.679	451.804	451.706	451.693	451.655	451.507	451.461	451.175	450.749	MAX
MIN	450.873	450.862	450.864	451.523	451.670	451.667	451.658	451.508	451.475	451.176	450.752	450.711	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1986

MEAN, 451.305
MAXIMUM DAILY, 451.804 ON MAY 15
MINIMUM DAILY, 450.711 ON DEC 28
MAXIMUM INSTANTANEOUS,
451.813 AT 12:20 CST ON MAY 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 33 N
LONG 102 40 42 W

A - MANUAL GAUGE

REGULATED SINCE 1944

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CRYSTAL CREEK NEAR IFFLEY - STATION NO. 05EG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0928	1.57 B	0.388	0.185	0.115	0.920E	0.013	0.103	0.0758	---	1
2	---	---	0.0928	1.48 B	0.426	0.166	0.100	0.860E	0.005	0.096	0.0768	---	2
3	---	---	0.0928	1.45 B	0.444	0.146	0.094	0.700E	0.001	0.092	0.0798	---	3
4	---	---	0.0928	1.49 B	0.404	0.130	0.100	0.373A	0.001	0.090	0.0878	---	4
5	---	---	0.0928	1.32 B	0.396	0.148	0.095	0.342	0.001	0.084	---	---	5
6	---	---	0.0928	1.62 B	0.339	0.188	0.173	0.209	0.012	0.079	---	---	6
7	---	---	0.0928	2.26 B	0.395	0.154	0.188	0.136	0.022	0.061	---	---	7
8	---	---	0.0928	3.24 B	0.356	0.136	0.168	0.074	0.046	0.076	---	---	8
9	---	---	0.0928	3.16	0.363	0.129	0.172	0.063	0.013	0.078	---	---	9
10	---	---	0.0928	2.88	0.478	0.162	0.143	0.033	0.003	0.065	---	---	10
11	---	---	0.0928	2.21 A	0.470	0.159	0.206	0.023	0.032	0.085	---	---	11
12	---	---	0.0958	1.50 A	0.430	0.142	0.248	0.033	0.059	0.087	---	---	12
13	---	---	0.0988	1.31 A	0.525	0.160	0.413	0.038	0.066	0.071	---	---	13
14	---	---	0.1058	1.16 A	0.383	0.185	0.500	0.052	0.059	0.070	---	---	14
15	---	---	0.1158	0.886	0.367	0.201	0.359	0.053	0.066	0.072	---	---	15
16	---	---	0.1258	0.776	0.360	0.199	0.201	0.055	0.061	0.075	---	---	16
17	---	---	0.1358	0.674	0.331	0.218	0.318	0.067	0.059	0.067	---	---	17
18	---	---	0.1458	0.513	0.331	0.225	0.546	0.065	0.092	0.082	---	---	18
19	---	---	0.1568	0.488	0.300	0.288	0.413	0.032	0.096	0.089	---	---	19
20	---	---	0.1568	0.470	0.291	0.293	0.231	0.015	0.089	0.097	---	---	20
21	---	---	0.1568	0.470	0.305	0.248	0.150	0.035	0.082	0.087	---	---	21
22	---	---	0.1568	0.487	0.398	0.223	0.125	0.011	0.091	0.096	---	---	22
23	---	---	0.1528	0.502	0.542	0.217	0.101	0.020	0.108	0.098	---	---	23
24	---	---	0.1508	0.459	0.535	0.201	0.113	0.004	0.118	0.097	---	---	24
25	---	---	0.1488	0.440	0.470	0.187	0.133	0.016	0.103	0.083	---	---	25
26	---	---	0.1418	0.400	0.388	0.210	0.158	0.012	0.089	0.087	---	---	26
27	---	---	0.1418	0.388	0.333	0.243	0.137	0.003	0.096	0.077	---	---	27
28	---	---	0.1458	0.417	0.263	0.220	0.183	0.003	0.098	0.082	---	---	28
29	---		0.1608	0.410	0.214	0.184	0.224	0.009	0.067	0.081	---	---	29
30	---		0.5008	0.375	0.218	0.162	0.445	0.010	0.089	0.084	---	---	30
31	---		1.63 B		0.204		0.840E	0.015		0.0758		---	31
TOTAL	---	---	5.821	34.764	11.670	5.698	7.389	4.292	1.778	2.586	---	---	TOTAL
MEAN	---	---	0.181	1.16	0.376	0.190	0.238	0.138	0.059	0.083	---	---	MEAN
MAX	---	---	1.63	3.24	0.542	0.293	0.840	0.920	0.118	0.103	---	---	MAX
MIN	---	---	0.082	0.388	0.204	0.129	0.094	0.003	0.001	0.061	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS MAR TO OCT

MEAN, 0.301
MAXIMUM DAILY, 3.24B ON APR 8
MINIMUM DAILY, 0.001 ON SEP 3
MAXIMUM INSTANTANEOUS,
3.378 AT 22:54 CST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 58 47 N
LONG 108 08 23 W
DRAINAGE AREA, 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	638
FEB	---	AUG	371
MAR	486	SEP	154
APR	3 000	OCT	223
MAY	1 010	NOV	---
JUN	492	DEC	---

TOTAL DISCHARGE, 6 370 dam³

CUMBERLAND LAKE NEAR CUMBERLAND HOUSE - STATION NO 05KH002

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	265.081	265.075	265.056	265.909	265.758	265.769	265.308	266.199	265.408	265.322	265.535	265.335	1
2	265.105	265.037	265.999	265.862	265.690	265.772	265.222	266.213	265.323	265.338	265.588	265.354	2
3	265.101	265.975	265.964	265.826	265.650	265.790	265.234	266.210	265.307	265.288	265.553	265.391	3
4	265.123	265.913	265.970	265.814	265.647	265.767	265.319	266.198	265.374	265.340	265.539	265.520	4
5	265.164	265.870	265.986	265.820	265.637	265.765	265.460	266.187	265.345	265.273	265.569	265.608	5
6	265.195	265.830	266.012	265.844	265.604	265.805	265.510	266.192	265.328	265.278	265.530	265.658	6
7	265.224	265.808	266.037	265.857	265.548	265.789	265.442	266.202	265.277	265.313	265.521	265.682	7
8	265.213	265.810	266.086	265.877	265.517	265.742	265.423	266.232	265.197	265.306	265.527	265.686	8
9	265.145	265.814	266.080	265.885	265.519	265.766	265.437	266.226	265.089	265.345	265.518	265.696	9
10	265.103	265.832	266.061	265.928	265.400	265.776	265.408	266.227	265.135	265.470	265.427	265.737	10
11	265.083	265.863	266.042	265.949	265.447	265.752	265.414	266.182	265.266	265.423	265.436	265.771	11
12	266.047	265.904	266.016	265.953	265.417	265.798	265.387	266.128	265.301	265.404	265.451	265.794	12
13	266.017	265.926	266.000	265.954	265.408	265.733	265.399	266.109	265.260	265.469	265.459	265.811	13
14	266.004	265.943	265.976	265.950	265.458	265.606	265.346	266.083	265.221	265.469	265.451	265.807	14
15	265.990	265.933	265.945	265.925	265.453	265.590	265.324	266.049	265.182	265.473	265.434	265.795	15
16	266.003	265.927	265.911	265.924	265.457	265.518	265.371	266.019	265.218	265.512	265.374	265.800	16
17	266.018	265.932	265.890	265.926	265.438	265.486	265.408	265.927	265.255	265.544	265.354	265.813	17
18	266.027	265.971	265.878	265.931	265.450	265.580	265.386	265.882	265.214	265.580	265.351	265.840	18
19	266.035	266.011	265.867	265.935	265.478	265.546	265.467	265.851	265.198	265.568	265.259	265.864	19
20	266.034	266.069	265.844	265.992	265.452	265.540	265.501	265.790	265.189	265.565	265.366	265.889	20
21	266.038	266.112	265.838	266.077	265.447	265.535	265.596	265.729	265.150	265.580	265.397	265.880	21
22	266.035	266.148	265.852	266.097	265.504	265.526	265.679	265.704	265.123	265.580	265.403	265.822	22
23	266.039	266.173	265.866	266.079	265.581	265.465	265.814	265.663	265.140	265.581	265.430	265.817	23
24	266.030	266.215	265.874	266.058	265.610	265.484	265.942	265.602	265.233	265.591	265.396	265.789	24
25	266.018	266.208	265.885	266.047	265.617	265.467	266.023	265.569	265.427	265.620	265.282	265.815	25
26	266.000	266.154	265.889	266.028	265.619	265.469	266.113	265.490	265.350	265.628	265.282	265.855	26
27	265.991	266.108	265.925	265.996	265.634	265.481	266.185	265.490	265.252	265.615	265.258	265.841	27
28	265.959	266.084	265.957	265.973	265.674	265.503	266.226	265.474	265.254	265.654	265.293	265.828	28
29	265.964		265.994	265.930	265.707	265.445	266.234	265.493	265.247	265.610	265.306	265.825	29
30	265.979		265.998	265.852	265.766	265.328	266.212	265.529	265.281	265.612	265.309	265.834	30
31	266.036		265.980		265.775		266.203	265.531		265.551		265.833	31
MEAN	266.058	265.987	265.956	265.940	265.580	265.616	265.612	265.915	265.252	265.480	265.420	265.742	MEAN
MAX	266.224	266.215	266.080	266.097	265.775	265.805	266.234	266.232	265.427	265.654	265.586	265.889	MAX
MIN	265.959	265.806	265.838	265.814	265.400	265.328	265.222	265.474	265.089	265.273	265.258	265.335	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 265.711
MAXIMUM DAILY, 266.234 ON JUL 29
MINIMUM DAILY, 265.089 ON SEP 9
MAXIMUM INSTANTANEOUS,
266.259 AT 22 02 CST ON AUG 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 57 30 N
LONG 102 17 46 W

REGULATED

WATER LEVELS ARE REFERRED TO PROVINCE OF SASKATCHEWAN DATUM

CUTARM CREEK NEAR SPY HILL - STATION NO 05JM015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0158	4.90	0.396	0.101	0.030	0.019	0.004	0.034	0.0478	---	1
2	---	---	0.0208	3.77	0.438	0.080	0.015	0.009	0.001	0.019	0.0398	---	2
3	---	---	0.0308	3.06	0.372	0.134	0.036	0.018	0.025	0.028	0.0238	---	3
4	---	---	0.0408	2.35	0.397	0.109	0.026	0.015	0.038	0.062	0.0188	---	4
5	---	---	0.0508	1.84	0.650	0.118	0.149	0.023	0.033	0.065	---	---	5
6	---	---	0.0658	1.54	1.33	0.146	0.394	0.032	0.021	0.048	---	---	6
7	---	---	0.0808	1.36	1.11	0.161	0.385	0.095	0.008	0.028	---	---	7
8	---	---	0.0958	1.19	1.03	0.114	0.196	0.176	0.005	0.015	---	---	8
9	---	---	0.1108	1.03	1.12	0.158	0.098	0.146	0.005	0.003	---	---	9
10	---	---	0.1258	0.937	1.09	0.206	0.047	0.090	0.004	0.016	---	---	10
11	---	---	0.1508	0.813	1.04	0.133	0.071	0.083	0.005	0.038	---	---	11
12	---	---	0.1858	0.698	0.861	0.037	0.163	0.072	0.038	0.055	---	---	12
13	---	---	0.2008	0.5548	0.823	0.006	0.129	0.057	0.052	0.038	---	---	13
14	---	---	0.2258	0.4998	0.569	0.007	0.324	0.020	0.055	0.032	---	---	14
15	---	---	0.2508	0.4838	0.583	0.008	0.413	0.033	0.025	0.032	---	---	15
16	---	---	0.2848	0.413	0.520	0.018	0.381	0.070	0.010	0.034	---	---	16
17	---	---	0.3688	0.424	0.540	0.046	0.298	0.032	0.004	0.023	---	---	17
18	---	---	0.5538	0.409	0.385	0.025	0.241	0.010	0.002	0.009	---	---	18
19	---	---	0.3838	0.413	0.325	0.016	0.188	0.038	0.008	0.018	---	---	19
20	---	---	0.2178	0.354	0.298	0.034	0.135	0.008	0.018	0.050	---	---	20
21	---	---	0.5758	0.301	0.278	0.057	0.136	0.025	0.019	0.021	---	---	21
22	---	---	3.80 B	0.210	0.215	0.074	0.129	0.022	0.070	0.019	---	---	22
23	---	---	1.61 B	0.224	0.149	0.057	0.068	0.004	0.089	0.018	---	---	23
24	---	---	1.68 B	0.432	0.158	0.033	0.033	0.011	0.053	0.011	---	---	24
25	---	0.0108	3.88 B	0.345	0.189	0.039	0.017	0.032	0.051	0.004	---	---	25
26	---	0.0108	5.42 B	0.235	0.160	0.061	0.016	0.016	0.152	0.009	---	---	26
27	---	0.0108	5.08 B	0.273	0.135	0.076	0.088	0.052	0.229	0.019	---	---	27
28	---	0.0108	3.65 B	0.358	0.133	0.181	0.019	0.050	0.149	0.010	---	---	28
29	---		3.61 B	0.407	0.145	0.062	0.047	0.032	0.074	0.0068	---	---	29
30	---		4.88 B	0.333	0.126	0.028	0.026	0.012	0.061	0.0248	---	---	30
31	---		5.17 B		0.111		0.013	0.006		0.0348		---	31
TOTAL	---	---	42.800	30.155	15.685	2.312	4.294	1.308	1.318	0.824	---	---	TOTAL
MEAN	---	---	1.38	1.01	0.506	0.077	0.139	0.042	0.044	0.027	---	---	MEAN
MAX	---	---	5.42	4.90	1.33	0.206	0.413	0.176	0.229	0.065	---	---	MAX
MIN	---	---	0.015	0.210	0.111	0.006	0.013	0.004	0.001	0.003	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.403
MAXIMUM DAILY, 5.42B ON MAR 26
MINIMUM DAILY, 0.001 ON SEP 2
MAXIMUM INSTANTANEOUS,
7.080 AT 22 03 CST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 27 N
LONG 101 44 34 W
DRAINAGE AREA, 788 km²

B - ICE CONDITIONS

REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	371
FEB	---	AUG	113
MAR	3 700	SEP	114
APR	2 610	OCT	71.2
MAY	1 360	NOV	---
JUN	200	DEC	---

TOTAL DISCHARGE, 8 540 dam³

CUTKNIFE CREEK NEAR CUTKNIFE - STATION NO. 05FF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.024B	3.89 B	0.013	0.014	0.001	0.008	0.004	0.002	0.003B	---	1
2	---	---	0.024B	2.44 B	0.010	0.011	0.002	0.007	0.004	0.002	0.004B	---	2
3	---	---	0.024B	1.73 B	0.009	0.009	0.002	0.008	0.003	0.002	0.005B	---	3
4	---	---	0.024B	1.08 B	0.010	0.008	0.002	0.007	0.003	0.002	0.005B	---	4
5	---	---	0.022B	1.04 B	0.011	0.008	0.002	0.008	0.003	0.002	0.005B	---	5
6	---	---	0.019B	0.910B	0.014	0.007	0.002	0.008	0.002	0.002	---	---	6
7	---	---	0.012B	0.751B	0.012	0.006	0.002	0.007	0.002	0.002	---	---	7
8	---	---	0.008B	0.397B	0.012	0.007	0.002	0.008	0.001	0.002	---	---	8
9	---	---	0.003B	0.269B	0.012	0.008	0.002	0.005	0.001	0.002	---	---	9
10	---	---	0.002B	0.192B	0.013	0.020	0.002	0.008	0.001	0.002	---	---	10
11	---	---	0.004B	0.136B	0.013	0.014	0.003	0.008	0.002	0.002	---	---	11
12	---	---	0.006B	0.111B	0.011	0.007	0.003	0.008	0.003	0.002	---	---	12
13	---	---	0.010B	0.083B	0.010	0.006	0.004	0.008	0.002	0.002	---	---	13
14	---	---	0.009B	0.054	0.010	0.005	0.004	0.005	0.002	0.002	---	---	14
15	---	---	0.016B	0.049	0.011	0.005	0.003	0.005	0.002	0.002	---	---	15
16	---	---	0.013B	0.034	0.012	0.004	0.003	0.008	0.002	0.001	---	---	16
17	---	---	0.011B	0.028	0.013	0.005	0.005	0.005	0.002	0.001	---	---	17
18	---	---	0.007B	0.034	0.014	0.004	0.004	0.005	0.001	0.001	---	---	18
19	---	---	0.002B	0.048	0.014	0.005	0.004	0.005	0.001	0.002	---	---	19
20	---	---	0.005B	0.021	0.014	0.005	0.004	0.005	0.001	0.002	---	---	20
21	---	---	0.643B	0.017	0.014	0.004	0.004	0.005	0.001	0.002	---	---	21
22	---	---	2.86 B	0.014	0.025	0.003	0.004	0.004	0.001	0.002	---	---	22
23	---	---	2.03 B	0.014	0.035	0.002	0.005	0.004	0.001	0.002	---	---	23
24	---	---	1.77 B	0.015	0.037	0.002	0.005	0.004	0.001	0.002	---	---	24
25	---	---	1.47 B	0.016	0.035	0.002	0.004	0.005	0.001	0.002	---	---	25
26	---	---	0.533B	0.015	0.030	0.002	0.004	0.005	0.005	0.002	---	---	26
27	---	---	0.323B	0.014	0.028	0.002	0.005	0.006	0.003	0.002	---	---	27
28	---	---	3.42 B	0.009	0.025	0.002	0.005	0.007	0.002	0.002	---	---	28
29	---		6.88 B	0.011	0.024	0.001	0.006	0.006	0.002	0.004B	---	---	29
30	---		9.17 B	0.014	0.020	0.001	0.009	0.005	0.002	0.004B	---	---	30
31	---		6.23 B		0.016		0.008	0.004		0.004B		---	31
TOTAL	---	---	85.574	13.436	0.527	0.177	0.115	0.175	0.061	0.065	---	---	TOTAL
MEAN	---	---	1.15	0.448	0.017	0.006	0.004	0.006	0.002	0.002	---	---	MEAN
MAX	---	---	9.17	3.89	0.037	0.020	0.009	0.008	0.005	0.004	---	---	MAX
MIN	---	---	0.002	0.009	0.009	0.001	0.001	0.004	0.001	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.205
MAXIMUM DAILY, 9.17B ON MAR 30
MINIMUM DAILY, 0.001 ON JUN 29
MAXIMUM INSTANTANEOUS,
11.08 AT 08:10 CST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 45 18 N
LONG 108 46 52 W
DRAINAGE AREA, 403 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	8.94
FEB	---	AUG	15.1
MAR	3 070	SEP	5.27
APR	1 160	OCT	5.62
MAY	45.5	NOV	---
JUN	15.3	DEC	---

TOTAL DISCHARGE, 4 330 dam³

CYPRESS LAKE - STATION NO. 11AC037

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	971.232E	971.592	972.029E	972.039	972.128	971.939	971.862	971.728	972.150	---	---	1
2	---	971.232E	971.673	972.029E	972.040	972.122	971.936	971.860	971.723	972.163	---	---	2
3	---	971.232E	971.740	972.030E	972.036	972.113	971.930	971.858	971.718	972.170	---	---	3
4	---	971.232A	971.784	972.030E	972.031A	972.098	971.925	971.853	971.717	972.182	---	---	4
5	---	971.232	971.825	972.031E	972.030E	972.083	971.914	971.848	971.715	972.192	---	---	5
6	---	971.232	971.852	972.031E	972.028E	972.075	971.910	971.845	971.713	972.203	---	---	6
7	---	971.234	971.871	972.032E	972.029A	972.075	971.911	971.840	971.711	972.211	---	---	7
8	---	971.234	971.891	972.032A	972.035	972.068	971.910	971.838	971.714	972.222	---	---	8
9	---	971.233	971.905	972.032E	972.049	972.058	971.908	971.830	971.716	972.229	---	---	9
10	---	971.233	971.921	972.031E	972.052	972.050	971.905	971.825	971.717	972.235	---	---	10
11	---	971.234	971.940	972.030E	972.066	972.039	971.901	971.822	971.714	972.238	---	---	11
12	---	971.237A	971.957	972.029E	972.063	972.029	971.896	971.818	971.716	972.245	---	---	12
13	---	971.237E	971.972	972.028E	972.061	972.025	971.891	971.814	971.717	972.253	---	---	13
14	---	971.238E	971.981	972.028A	972.067	972.014	971.890	971.810	971.718	972.256	---	---	14
15	---	971.239E	971.992	972.030	972.084	972.008	971.883	971.805	971.718	972.261	---	---	15
16	---	971.240E	972.000	972.030	972.085	972.002	971.882	971.800	971.717	972.266	---	---	16
17	---	971.241E	972.009	972.029	972.102	971.998	971.900	971.793	971.726	972.273	---	---	17
18	---	971.242E	972.015	972.032	972.111	971.982	971.904	971.787	971.740	972.277	---	---	18
19	---	971.243E	972.023A	972.031	972.124	971.985	971.908	971.780	971.746	972.274	---	---	19
20	---	971.244E	972.023E	972.038	972.127	971.977	971.907	971.774	971.747	972.273	---	---	20
21	---	971.245E	972.024E	972.039	972.127	971.966	971.909	971.769	971.745	972.278	---	---	21
22	---	971.246E	972.024E	972.040	972.143	971.963	971.907	971.762	971.748	972.284	---	---	22
23	---	971.247E	972.025E	972.040	972.147	971.959	971.905	971.760	971.752	972.283	---	---	23
24	---	971.248E	972.025E	972.040	972.156	971.958	971.901	971.755	971.759	972.273	---	---	24
25	---	971.248A	972.026E	972.044	972.170	971.958	971.901	971.752	971.885	972.273	---	---	25
26	---	971.288	972.026E	972.044	972.175	971.954	971.887	971.751	971.870	972.273	---	---	26
27	---	971.422	972.027E	972.040	972.171	971.950	971.881	971.751	972.040	972.273	---	---	27
28	---	971.507	972.027E	972.036	972.168	971.939	971.883	971.745	972.086	972.271	---	---	28
29	---		972.028E	972.029	972.158	971.946	971.878	971.741	972.112	972.274	---	---	29
30	---		972.028E	972.035	972.150	971.943	971.886	971.742	972.131	972.265A	---	---	30
31	---		972.028E		972.143		971.886	971.735		972.284E		---	31
MEAN	---	971.257	971.944	972.033	972.096	972.016	971.902	971.798	971.788	972.245	---	---	MEAN
MAX	---	971.507	972.028	972.044	972.175	972.128	971.939	971.862	972.131	972.284	---	---	MAX
MIN	---	971.232	971.592	972.028	972.028	971.939	971.886	971.735	971.711	972.150	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 972.284 ON OCT 22

MAXIMUM INSTANTANEOUS,
972.385 AT 19:15 CST ON OCT 9

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 30 N
LONG 109 30 25 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1939

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

CYPRESS LAKE EAST OUTFLOW CANAL - STATION NO. 11AC060

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.377B	0.115	0.019	0.009	0.390	0.004	0	0.035	0.015E	---	1
2	---	0 B	0.322B	0.240	0.020	0.007	0.362	0.003	0	0.032	0.014E	---	2
3	---	0 B	0.166B	0.218	0.021	0.005	0.343	0.002	0	0.031	0.013E	---	3
4	---	0 B	0.392B	0.235	0.022	0.005	0.304	0.001	0	0.028	0.012A	---	4
5	---	0 B	0.194B	0.264	0.028	0.006	0.281	0.001	0	0.027	---	---	5
6	---	0 B	0.373B	0.261	0.027	0.005	0.215	0.005	0	0.024	---	---	6
7	---	0 B	0.181B	0.249	0.027	0.010	0.154	0.005	0.003	0.023	---	---	7
8	---	0 B	0.102B	0.230	0.025	0.010	0.106	0.005	0.006	0.027	---	---	8
9	---	0 B	0.108B	0.199	0.033	0.010	0.082	0.004	0.008	0.028	---	---	9
10	---	0 B	0.098B	0.173	0.037	0.007	0.078	0.003	0.013	0.026	---	---	10
11	---	0 B	0.141B	0.168	0.045	0.006	0.067	0.001	0.017	0.036E	---	---	11
12	---	0 B	0.078B	0.120	0.052	0.005	0.096	0.001	0.020	0.035E	---	---	12
13	---	0 B	0.041B	0.080	0.051	0.004	0.064	0	0.021	0.034E	---	---	13
14	---	0 B	0.033B	0.080	0.046	0.003	0.054	0	0.023	0.033E	---	---	14
15	---	0 B	0.034B	0.073	0.040	0.005	0.038	0	0.026	0.032E	---	---	15
16	---	0 B	0.036B	0.066	0.042	0.005	0.025	0	0.029	0.031E	---	---	16
17	---	0 B	0.034B	0.058	0.038	0.004	0.320	0	0.030	0.030E	---	---	17
18	---	0 B	0.030B	0.043	0.035	0.008	0.175	0	0.033	0.029E	---	---	18
19	---	0 B	0.031B	0.030	0.032	0.011	0.090	0	0.037	0.028E	---	---	19
20	---	0 B	0.032B	0.026	0.031	0.011	0.038	0	0.037	0.027E	---	---	20
21	---	0 B	0.031B	0.026	0.029	0.081	0.022	0	0.032	0.026E	---	---	21
22	---	0 B	0.037B	0.026	0.064	0.119	0.013	0	0.029	0.025E	---	---	22
23	---	0 B	0.019	0.024	0.068	0.173	0.011	0	0.027	0.024E	---	---	23
24	---	0 B	0.018	0.022	0.056	0.582	0.010	0	0.023	0.023E	---	---	24
25	---	0.050B	0.018	0.022	0.041	0.560	0.005	0	0.189	0.022E	---	---	25
26	---	0.578B	0.018	0.023	0.028	0.459	0.003	0	0.224	0.021E	---	---	26
27	---	1.42 B	0.021	0.023	0.022	0.389	0.004	0	0.154	0.020E	---	---	27
28	---	0.511B	0.032	0.023	0.018	0.355	0.005	0	0.112	0.019E	---	---	28
29	---		0.089	0.021	0.014	0.441	0.006	0	0.076	0.018E	---	---	29
30	---		0.138	0.019	0.011	0.465	0.007	0	0.044	0.017E	---	---	30
31	---		0.111		0.009		0.005	0		0.016E		---	31
TOTAL	---	2.557	3.363	3.161	1.031	3.771	3.373	0.035	1.193	0.827	---	---	TOTAL
MEAN	---	0.091	0.108	0.105	0.033	0.126	0.109	0.001	0.040	0.027	---	---	MEAN
MAX	---	1.42	0.392	0.264	0.068	0.582	0.390	0.005	0.224	0.036	---	---	MAX
MIN	---	0	0.016	0.019	0.009	0.003	0.003	0	0	0.016	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.071
MAXIMUM DAILY, 1.42B ON FEB 27
MINIMUM DAILY, 0B ON FEB 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 12 N
LONG 109 21 08 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1940

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	291
FEB	221	AUG	3.02
MAR	289	SEP	103
APR	273	OCT	71.5
MAY	89.1	NOV	---
JUN	326	DEC	---

TOTAL DISCHARGE, 1 670 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

CYPRESS LAKE WEST INFLOW CANAL - STATION NO. 11AB078

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	11.7 B	0.005	0.347	0.775	0.039	0.010	0	2.87	0	---	1
2	---	0 B	9.59 B	0.004	0.327	0.890	0.032	0.010	0	2.56	0	---	2
3	---	0 B	7.48 B	0.004	0.334	0.812	0.023	0.010	0	2.33	0	---	3
4	---	0 B	5.35 B	0.003	0.349	0.683	0.018	0.011	0	2.21	0A	---	4
5	---	0 B	5.61 B	0.002	0.443	0.593	0.015	0.011	0	2.08	---	---	5
6	---	0 B	4.31 B	0.002	0.717	0.355	0.014	0.010	0	1.97	---	---	6
7	---	0 B	5.96 B	0.001	1.61	0.022	0.012	0.008	0	1.91	---	---	7
8	---	0 B	4.08 B	0	1.42	0.012	0.011	0.008	0	1.86	---	---	8
9	---	0 B	2.92 B	0	1.41	0.008	0.011	0.008	0	1.82	---	---	9
10	---	0 B	3.13 B	0	1.24	0.530	0.011	0.008	0	1.79	---	---	10
11	---	0 B	3.06 B	0.455	1.25	0.748	0.012	0.009	0	1.72	---	---	11
12	---	0 B	2.90 B	0.546	1.48	0.477	0.011	0.008	0	1.70	---	---	12
13	---	0 B	2.14 B	0.641B	1.65	0.138	0.010	0.008	0	1.54	---	---	13
14	---	0 B	2.29 B	0.665B	1.57	0.140	0.010	0.007	0	1.38	---	---	14
15	---	0 B	2.11 B	0.741B	1.55	0.148	0.010	0.006	0	1.30	---	---	15
16	---	0 B	1.80 B	0.781B	1.71	0.137	1.38	0.005	0	1.26	---	---	16
17	---	0 B	1.59 B	0.861B	1.86	0.143	1.02	0.005	0	0.818	---	---	17
18	---	0 B	1.37 B	0.733B	1.98	0.184	1.03	0.004	0	0.022	---	---	18
19	---	0 B	0.807B	0.740	2.17	0.385	0.973	0.002	0.014	0.014	---	---	19
20	---	0 B	0.237B	0.638	2.28	0.417	0.966	0	0.700	0.010	---	---	20
21	---	0 B	0.154B	0.461	2.94	0.438	0.611	0	0.711	0.009	---	---	21
22	---	0 B	0.129B	0.383	3.03	0.446	0.055	0	0.905A	0.008	---	---	22
23	---	0 B	0.059	0.330	4.03	0.422	0.032	0	0.578	0.007	---	---	23
24	---	0 B	0.044	0.358	4.33	0.283	0.028	0	0.635	0.006	---	---	24
25	---	2.01B	0.034	0.388	3.43	0.294	0.020	0	13.2 A	0.003	---	---	25
26	---	7.97B	0.025	0.386	2.61	0.321	0.018	0	11.2 E	0.001	---	---	26
27	---	9.65B	0.070	0.355	2.17	0.324	0.019	0	10.4 A	0.001	---	---	27
28	---	11.1 B	0.097	0.437	1.83	0.203	0.016	0	5.73	0.001	---	---	28
29	---		0.073	0.401	1.60	0.203	0.012	0	3.85	0	---	---	29
30	---		0.012	0.375	1.28	0.098	0.008	0	3.31	0.001	---	---	30
31	---		0.007		1.08		0.009	0		0		---	31
TOTAL	---	30.73	79.138	10.719	54.027	10.638	8.438	0.152	51.333	31.161	---	---	TOTAL
MEAN	---	1.10	2.55	0.357	1.74	0.355	0.208	0.005	1.71	1.01	---	---	MEAN
MAX	---	11.1	11.7	0.881	4.33	0.890	1.38	0.011	13.2	2.87	---	---	MAX
MIN	---	0	0.007	0	0.327	0.008	0.009	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.00
MAXIMUM DAILY, 13.2A ON SEP 25
MINIMUM DAILY, 0B ON FEB 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 18 N
LONG 109 37 08 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	556
FEB	2 660	AUG	13.1
MAR	6 840	SEP	4 440
APR	926	OCT	2 690
MAY	4 670	NOV	---
JUN	919	DEC	---

TOTAL DISCHARGE, 23 700 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

CYPRESS LAKE WEST INFLOW CANAL DRAIN - STATION NO. 11AB085

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0B	0	0.486	0.011	0.001	0	0.004	0.001	---	1
2	---	---	0.0018	0B	0	0.007	0.010	0.001	0	0.003	0.001	---	2
3	---	---	0.0018	0B	0.001	0.004	0.008	0.001	0	0.002	0.001	---	3
4	---	---	0.0018	0B	0.001	0.004	0.008	0.002	0	0.001	0.001A	---	4
5	---	---	0 B	0B	0.002	0.004	0.007	0.002	0	0.001	---	---	5
6	---	---	0 B	0B	0.002	0.006	0.006	0.002	0	0.001	---	---	6
7	---	---	0 B	0B	0.002	0.003	0.005	0.002	0	0.001	---	---	7
8	---	---	0.0018	0B	0.002	0.003	0.005	0.002	0	0.001	---	---	8
9	---	---	0.0028	0B	0.002	0.003	0.004	0.002	0	0.001	---	---	9
10	---	---	0.0018	0B	0.002	0.008	0.003	0.002	0	0.001	---	---	10
11	---	---	0.0018	0B	0.002	0.013	0.003	0.002	0	0.001	---	---	11
12	---	---	0.0018	0B	0.002	0.011	0.003	0.002	0	0.001	---	---	12
13	---	---	0 B	0B	0.002	0.010	0.002	0.002	0	0.001	---	---	13
14	---	---	0 B	0B	0.002	0.010	0.002	0.002	0	0.001	---	---	14
15	---	---	0 B	0B	0.002	0.011	0.002	0.002	0	0.001	---	---	15
16	---	---	0 B	0B	0.002	0.011	0.026	0.002	0	0.001	---	---	16
17	---	---	0 B	0B	0.002	0.012	0.003	0.002	0	0.001	---	---	17
18	---	---	0 B	0B	0.002	0.012	0.002	0.002	0	0.001	---	---	18
19	---	---	0 B	0	0.286	0.014	0.002	0.001	0.003	0.001	---	---	19
20	---	---	0 B	0	0.769	0.013	0.002	0.002	0.007	0.001	---	---	20
21	---	---	0 B	0	1.26	0.014	0.001	0.001	0.005	0.001	---	---	21
22	---	---	0 B	0	1.91	0.014	0.001	0	0.004	0.001	---	---	22
23	---	---	0 B	0	1.15	0.015	0.001	0	0.002	0.001	---	---	23
24	---	0B	0 B	0	1.16	0.014	0	0	0.003	0.001	---	---	24
25	---	0B	0 B	0	1.16	0.015	0	0	0.028	0.001	---	---	25
26	---	0B	0 B	0	1.13	0.016	0	0	0.006	0.001	---	---	26
27	---	0B	0 B	0	1.11	0.016	0	0	0.004	0.001	---	---	27
28	---	0B	0 B	0	1.36	0.016	0	0	0.004	0.001	---	---	28
29	---		0 B	0	1.75	0.017	0	0	0.005	0.001	---	---	29
30	---		0 B	0	0.832	0.014	0	0	0.005	0.001	---	---	30
31	---		0 B		0.826		0.001	0		0.001		---	31
TOTAL	---	---	0.010	0	14.785	0.755	0.118	0.037	0.076	0.037	---	---	TOTAL
MEAN	---	---	0	0	0.477	0.027	0.004	0.001	0.003	0.001	---	---	MEAN
MAX	---	---	0.002	0	1.91	0.486	0.026	0.002	0.028	0.004	---	---	MAX
MIN	---	---	0	0	0	0.003	0	0	0	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.065
MAXIMUM DAILY, 1.91 ON MAY 22
MINIMUM DAILY, 0B ON MAR 5

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 25 N
LONG 109 36 36 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	10.2
FEB	---	AUG	3.20
MAR	0.86	SEP	6.57
APR	0	OCT	3.20
MAY	1 280	NOV	---
JUN	58.7	DEC	---

TOTAL DISCHARGE, 1 370 dam³

CYPRESS LAKE WEST OUTFLOW CANAL - STATION NO. 11ABOTT

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0 B	0.045	0.006	3.26	0.091	0	0	0.019	0.001	---	1
2	---	0B	0.3598	0.068	0.005	2.61	0.024	0	0	0.016	0.001	---	2
3	---	0B	0.9628	0.080	0.004	2.30	0.020	0	0	0.012	0.002	---	3
4	---	0B	0.5098	0.081	0.007	2.56	0.024	0	0	0.008	0.002A	---	4
5	---	0B	0.3478	0.080	0.006	2.20	0.025	0	0	0.006	---	---	5
6	---	0B	0.2188	0.053	0.005	2.17	0.028	0	0	0.004	---	---	6
7	---	0B	0.3158	0.002	0.006	2.43	0.030	0	0	0.002	---	---	7
8	---	0B	0.0918	0.001	0.005	2.53	0.027	0	0	0.002	---	---	8
9	---	0B	0.0728	0.001	0.007	2.26	0.029	0	0	0.001	---	---	9
10	---	0B	0.0058	0.001	0.005	2.19	0.028	0	0	0.001	---	---	10
11	---	0B	0.0038	0	0.005	1.88	0.028	0	0	0.001	---	---	11
12	---	0B	0.002	0	0.003	1.96	0.026	0	0	0.001	---	---	12
13	---	0B	0.002	0	0.013	1.99	0.028	0	0	0.001	---	---	13
14	---	0B	0.002	0	0.046	1.81	0.028	0	0	0.001	---	---	14
15	---	0B	0.001	0	0.042	1.57	0.029	0	0.002A	0.001	---	---	15
16	---	0B	0.002	0	0.031	1.77	0.110	0	0.003	0.001	---	---	16
17	---	0B	0.141	0	0.002	1.71	0.143	0	0.007	0.001	---	---	17
18	---	0B	0.296	0	0	1.74	0.117	0	0.007	0.001	---	---	18
19	---	0B	0.282	0	0.675	1.54	0.085	0	0.011	0.001	---	---	19
20	---	0B	0.151	0	2.30	1.49	0.022	0	0.011	0.001	---	---	20
21	---	0B	0.005	0	2.24	1.15	0.014	0	0.008	0.001	---	---	21
22	---	0B	0.005	0	2.13	0.826	0.008	0	0.006	0.001	---	---	22
23	---	0B	0.003	0	2.36	0.837	0.005	0	0.005	0.001	---	---	23
24	---	0B	0.003	0	2.92	0.859	0.005	0	0.007	0.001	---	---	24
25	---	0B	0.010	0	3.38	0.861	0.004	0	0.389	0.002	---	---	25
26	---	0B	0.085	0.001E	3.51	0.845	0.002	0	0.913	0.001	---	---	26
27	---	0B	0.082	0.010	3.36	0.814	0.002	0	0.407	0.001	---	---	27
28	---	0B	0.104	0.008	3.30	0.484	0.001	0	0.070	0.001	---	---	28
29	---		0.090	0.006	3.24	0.098	0	0	0.045	0.001	---	---	29
30	---		0.088	0.006	3.33	0.091	0	0	0.026	0.002	---	---	30
31	---		0.088		3.49		0	0		0.001		---	31
TOTAL	---	0	4.340	0.493	36.673	48.826	0.986	0	1.898	0.094	---	---	TOTAL
MEAN	---	0	0.140	0.016	1.18	1.63	0.032	0	0.063	0.003	---	---	MEAN
MAX	---	0	0.962	0.080	3.51	3.26	0.143	0	0.913	0.019	---	---	MAX
MIN	---	0	0	0	0	0.091	0	0	0	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.342
MAXIMUM DAILY, 3.51 ON MAY 26
MINIMUM DAILY, 0B ON FEB 1

SUMMARY FOR THE MONTHS FEB TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 14 N
LONG 109 35 18 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	85.2
FEB	0	AUG	0
MAR	375	SEP	164
APR	42.6	OCT	8.12
MAY	3 170	NOV	---
JUN	4 220	DEC	---

TOTAL DISCHARGE, 8 060 dam³

DEAD LAKE PROJECT - SOURIS RIVER CHANNEL - STATION NO 05NB029

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	539.650E	540.108A	539.574A	540.072A	539.870A	539.825A	539.623A	539.565A	539.625A	539.600A	1
2	---	---	539.800E	540.110A	539.555A	540.065A	539.863A	539.822A	539.616A	539.571A	539.627A	---	2
3	539.315A	---	539.900E	540.109A	539.557A	540.056A	539.860A	539.821A	539.622A	539.567A	539.628A	---	3
4	---	539.270A	539.998A	540.100A	539.558A	540.038A	539.851A	539.816A	539.620A	539.573A	539.634A	---	4
5	---	---	540.030E	540.098A	539.561A	540.018A	539.892A	539.812A	539.598A	539.570A	539.638A	---	5
6	---	---	540.050E	540.104A	539.998A	540.015A	539.882A	539.807A	539.586A	539.569A	539.640A	---	6
7	---	---	540.065E	540.097A	540.047A	540.000A	539.870A	539.802A	539.580A	539.560A	539.635A	---	7
8	---	---	540.075E	540.083A	540.087A	539.984A	539.869A	539.796A	539.572A	539.552A	539.658A	---	8
9	---	---	540.080E	540.083A	540.120A	539.987A	539.850A	539.788A	539.559A	539.541A	539.621A	---	9
10	---	---	540.080E	540.083A	540.181A	539.984A	539.862A	539.779A	539.560A	539.576A	539.620A	---	10
11	---	---	540.078E	540.085A	540.268A	539.970A	539.858A	539.768A	539.561A	539.557A	539.621A	---	11
12	---	---	540.075E	540.074A	540.340A	539.957A	539.869A	539.768A	539.560A	539.561A	539.625A	---	12
13	---	---	540.072E	540.079A	540.442A	539.947A	539.875A	539.762A	539.551A	539.579A	539.620A	---	13
14	---	---	540.070A	540.083A	540.392A	539.945A	539.871A	539.747A	539.544A	539.592A	539.618A	---	14
15	---	---	540.069	540.065A	540.375A	539.939A	539.864A	539.739A	539.533A	539.604A	539.620A	---	15
16	---	---	540.057	540.053A	540.353E	539.937A	539.855A	539.728A	539.537A	539.607A	539.617A	---	15
17	---	---	540.070	540.076A	540.337E	539.932A	539.867A	539.717A	539.548A	539.617A	539.612A	---	17
18	---	---	540.087	540.071A	540.312E	539.926A	539.870A	539.711A	539.539A	539.628A	539.608A	---	18
19	---	---	540.133	540.064A	540.290E	539.924A	539.868A	539.714A	539.546A	539.627A	539.610A	---	19
20	---	---	540.173A	540.057A	540.270E	539.931A	539.854A	539.697A	539.554A	539.628A	539.605A	---	20
21	---	---	540.216A	540.049A	540.250E	539.930A	539.849A	539.677A	539.564A	539.630A	539.609A	---	21
22	---	---	540.237A	540.056A	540.230E	539.927A	539.834A	539.676A	539.567A	539.636A	539.611A	---	22
23	---	---	540.219A	540.059A	540.210E	539.919A	539.836A	539.675E	539.562A	539.637A	539.608A	---	23
24	---	539.250E	540.228A	540.030A	540.190E	539.904A	539.828A	539.668E	539.545A	539.631A	539.609A	---	24
25	---	539.270E	540.228A	540.021A	540.170E	539.898A	539.813A	539.660E	539.558A	539.633A	539.609A	---	25
26	---	539.300E	540.202A	540.024A	540.144A	539.891A	539.811A	539.655A	539.574A	539.632A	539.610A	---	26
27	---	539.390A	540.202A	540.019A	540.133A	539.879A	539.815A	539.660A	539.573A	539.636A	539.607A	---	27
28	---	539.500E	540.185A	540.011A	540.138A	539.875A	539.838A	539.653A	539.571A	539.636A	539.606A	---	28
29	---	---	540.172A	540.003A	540.127A	539.864A	539.832A	539.650A	539.573A	539.625A	539.603A	---	29
30	---	---	540.144A	540.003A	540.117A	539.855A	539.827A	539.648A	539.567A	539.628A	539.600A	539.538A	30
31	539.275E		540.144A		540.104A		539.823A	539.639A		539.643A		539.538E	31
MEAN	---	---	540.090	540.066	540.176	539.952	539.853	539.732	539.569	539.600	539.618	---	MEAN
MAX	---	---	540.237	540.110	540.442	540.072	539.892	539.825	539.623	539.643	539.658	---	MAX
MIN	---	---	539.650	540.003	539.955	539.854	539.811	539.639	539.533	539.541	539.600	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 540.442A ON MAY 13
MINIMUM DAILY, 539.250E ON FEB 24
MAXIMUM INSTANTANEOUS,
540.471A AT 15:50 CST ON MAY 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 23 N
LONG 103 26 40 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DEAD LAKE RESERVOIR NEAR MIDALE - STATION NO 05NB022

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	540.150E	540.219A	540.176A	540.331A	540.237A	540.185E	539.997A	539.959A	539.910A	539.884A	1
2	---	---	540.166E	540.211A	540.167E	540.327A	540.227A	540.182A	539.996A	539.967A	539.910A	---	2
3	540.115A	---	540.168E	540.223A	540.168E	540.323A	540.229A	540.178E	539.995A	539.959A	539.909A	---	3
4	---	540.118A	540.170A	540.218A	540.175E	540.313A	540.226A	540.173E	539.988A	539.961A	539.914A	---	4
5	---	---	540.170E	540.220A	540.197E	540.300A	540.247A	540.168A	539.979A	539.958A	539.912A	---	5
6	---	---	540.170E	540.221A	540.215E	540.302A	540.244A	540.162E	539.974A	539.956A	539.908A	---	6
7	---	---	540.170E	540.217A	540.203E	540.287A	540.241A	540.157E	539.989A	539.961A	539.908A	---	7
8	---	---	540.170E	540.208A	540.203E	540.281A	540.238A	540.152E	539.963A	539.960A	539.928A	---	8
9	---	---	540.170E	540.204A	540.218E	540.282A	540.229A	540.147E	539.957A	539.953A	539.905A	---	9
10	---	---	540.170E	540.204A	540.227E	540.282A	540.230A	540.141A	539.957A	539.964A	539.905A	---	10
11	---	---	540.170E	540.198E	540.217E	540.276A	540.228A	540.129A	539.958A	539.952A	539.908A	---	11
12	---	---	540.170E	540.195E	540.236E	540.278A	540.234A	540.127A	539.958A	539.945A	539.909A	---	12
13	---	---	540.170E	540.194E	540.315E	540.261A	540.232A	540.122E	539.948A	539.941A	539.905A	---	13
14	---	---	540.170A	540.194E	540.389E	540.248A	540.231A	540.117A	539.945A	539.940A	539.902A	---	14
15	---	---	540.171E	540.197A	540.384E	540.249A	540.224A	540.109A	539.937A	539.937A	539.904A	---	15
16	---	---	540.172E	540.198E	540.378E	540.250A	540.221A	540.103E	539.938A	539.938A	539.902A	---	16
17	---	---	540.173E	540.199E	540.373E	540.246A	540.234A	540.097A	539.941A	539.935A	539.903A	---	17
18	---	---	540.174E	540.198A	540.367E	540.246A	540.230A	540.094A	539.936A	539.938A	539.897A	---	18
19	---	---	540.175E	540.197E	540.362E	540.271A	540.223A	540.088A	539.944A	539.934A	539.897A	---	19
20	---	---	540.176A	540.196E	540.356E	540.275A	540.213A	540.081A	539.952A	539.931A	539.901A	---	20
21	---	---	540.175A	540.191A	540.351E	540.274A	540.210A	540.059A	539.958A	539.931A	539.896A	---	21
22	---	---	540.191A	540.193A	540.345E	540.271A	540.200A	540.067E	539.959A	539.930A	539.896A	---	22
23	---	---	540.218A	540.195A	540.340E	540.282A	540.201A	540.053A	539.954A	539.926A	539.895A	---	23
24	---	---	540.233A	540.189A	540.355E	540.264A	540.193A	540.047E	539.948A	539.925A	539.898A	---	24
25	---	---	540.238A	540.186E	540.355E	540.260A	540.184A	540.041E	539.965A	539.924A	539.896A	---	25
26	---	---	540.234A	540.184E	540.355A	540.260A	540.184A	540.034A	539.967A	539.928A	539.896A	---	26
27	---	540.122A	540.231A	540.183E	540.354A	540.261A	540.179A	540.027A	539.965A	539.928A	539.895A	---	27
28	---	540.140E	540.235A	540.181E	540.355A	540.248A	540.200A	540.019A	539.963A	539.926A	539.895A	---	28
29	---	---	540.233A	540.179E	540.351A	540.228A	540.192A	540.016A	539.962A	539.919A	539.894A	---	29
30	---	---	540.230A	540.178E	540.347A	540.223A	540.190A	540.012A	539.961A	539.916A	539.893A	539.888A	30
31	540.118E		540.233A		540.345A		540.185A	540.010A		539.924A		539.868E	31
MEAN	---	---	540.188	540.189	540.286	540.272	540.217	540.100	539.981	539.941	539.903	---	MEAN
MAX	---	---	540.238	540.223	540.389	540.331	540.247	540.185	539.989	539.967	539.928	---	MAX
MIN	---	---	540.150	540.178	540.166	540.223	540.178	540.010	539.936	539.916	539.893	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 540.388E ON MAY 14
MINIMUM DAILY, 539.868A ON DEC 30
MAXIMUM INSTANTANEOUS,
540.398E AT 15:07 CST ON MAY 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 23 N
LONG 103 26 40 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DELARONDE LAKE NEAR BIG RIVER - STATION NO. 06AE004

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	493.184	493.152	493.102E	492.928	492.925	---	---	1
2	---	---	---	---	---	493.263	493.123	493.098E	492.939	492.902	---	---	2
3	---	---	---	---	---	493.229	493.148	493.096E	492.970	492.815	---	---	3
4	---	---	---	---	---	493.215	493.143	493.093	493.022	492.905	---	---	4
5	---	---	---	---	---	493.216	493.141	493.092	492.957	492.868	492.876	---	5
6	---	---	---	---	---	493.214	493.159	493.100	492.947	492.885	---	---	6
7	---	---	---	---	---	493.235	493.125	493.095	492.945	492.898	---	---	7
8	---	---	---	---	---	493.193	493.121	493.096	492.930	492.900	---	---	8
9	---	---	---	---	---	493.202	493.114	493.104	492.937	492.873	---	---	9
10	---	---	---	---	---	493.198	493.108	493.077	492.929	493.005	---	---	10
11	---	---	---	---	---	493.199	493.112	493.052	492.944	492.880	---	---	11
12	---	---	---	---	---	493.234	493.110	493.068	492.957	492.847	---	---	12
13	---	---	---	---	---	493.215	493.093	493.072	492.938	492.884	---	---	13
14	---	---	---	---	---	493.187	493.110	493.054	492.931	492.857	---	---	14
15	---	---	---	---	---	493.182	493.115	493.053	492.911	492.874	---	---	15
16	---	---	---	---	---	493.178	493.112	493.088	492.909	492.868	---	---	16
17	---	---	---	---	---	493.168	493.092	493.018	492.936	492.867	---	---	17
18	---	---	---	---	---	493.177	493.180	493.038	492.929	492.884	---	---	18
19	---	---	---	---	---	493.193	493.124	493.103	492.921	492.871	---	---	19
20	---	---	---	---	---	493.177	493.102	493.029	492.916	492.867	---	---	20
21	---	---	---	---	493.099	493.176	493.079	493.008	492.921	492.875	---	---	21
22	---	---	---	---	493.126	493.197	493.174	493.009	492.913	492.859	---	---	22
23	---	---	---	---	493.126	493.163	493.103	492.963	492.923E	492.861	---	---	23
24	---	---	---	---	493.164	493.171	493.085	493.013	492.885	492.834	---	---	24
25	---	---	---	---	493.163	493.178	493.088	493.003	492.926	492.871	---	---	25
26	---	---	---	---	493.167	493.178	493.078	492.985	492.861	492.871	---	---	26
27	---	---	---	---	493.154	493.179	493.085	492.983	492.893	492.853	---	---	27
28	---	---	---	---	493.166	493.175	493.084	492.971	492.913	492.871	---	---	28
29	---		---	---	493.154	493.170E	493.151	492.985	492.922E	492.873	---	---	29
30	---		---	---	493.215	493.249	493.136	492.982	492.922	492.845	---	---	30
31	---		---		493.246		493.105	493.007		492.874E		---	31
MEAN	---	---	---	---	---	493.197	493.119	493.047	492.929	492.876	---	---	MEAN
MAX	---	---	---	---	---	493.263	493.169	493.104	493.022	493.005	---	---	MAX
MIN	---	---	---	---	---	493.163	493.078	492.963	492.861	492.815	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1986

MAXIMUM DAILY, 493.263 ON JUN 2
MINIMUM DAILY, 492.815 ON OCT 3

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 53 33 N
LONG 106 57 16 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DENNIEL CREEK NEAR VAL MARIE - STATION NO. 11ACC25

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	6.58 B	0.094	0.001	0.004	0	0	0	0	0	---	1
2	---	0 B	11.7 B	0.063	0.001	0.002	0	0	0	0	0.001	---	2
3	---	0 B	11.9 B	0.036	0.001	0.004	0	0	0	0.010	0.001	---	3
4	---	0 B	8.20 B	0.032	0.001	0.003	0	0	0	0.085	0.001	---	4
5	---	0 B	11.7 B	0.025	0.020	0.003	0	0	0	0.024	0.002A	---	5
6	---	0 B	8.40 B	0.019	0.021	0.002	0	0	0	0.012	---	---	6
7	---	0 B	2.81	0.015	0.177	0.002	0	0	0	0.006	---	---	7
8	---	0 B	2.61	0.014	0.133	0.003	0	0	0	0.005	---	---	8
9	---	0 B	3.18	0.012	0.131	0.017	0	0	0	0.003	---	---	9
10	---	0 B	4.26	0.011	0.453	0.021	0	0	0	0.001	---	---	10
11	---	0 B	5.46	0.011	2.01	0.015	0	0	0	0	---	---	11
12	---	0 B	3.73	0.011	1.77	0.010	0	0	0	0	---	---	12
13	---	0 B	2.36	0.013	0.641	0.007	0	0	0	0	---	---	13
14	---	0 B	3.37	0.012	0.280	0.004	0	0	0	0	---	---	14
15	---	0 B	2.85	0.011	0.170	0.001	0	0	0	0	---	---	15
16	---	0 B	1.53	0.012	0.123	0	0	0	0	0	---	---	16
17	---	0 B	1.20	0.011	0.086	0	0.353	0	0	0.002	---	---	17
18	---	0 B	0.763	0.008A	0.080	0	0.088	0	0	0.005	---	---	18
19	---	0 B	0.573	0.007E	0.068	0	0.016	0	0	0.001	---	---	19
20	---	0 B	0.426	0.006E	0.062	0	0.010	0	0	0	---	---	20
21	---	0 B	0.368	0.005A	0.051	0	0.003	0	0	0	---	---	21
22	---	0 B	1.69	0.003	0.053	0	0	0	0	0	---	---	22
23	---	0 B	0.946	0.003	0.055	0	0	0	0	0	---	---	23
24	---	0 B	0.466	0.002	0.051	0	0	0	0	0	---	---	24
25	---	0 B	0.313	0.002	0.038	0	0	0	0	0	---	---	25
26	---	8.068	0.269	0.003	0.023	0	0	0	0	0	---	---	26
27	---	16.9 B	0.195	0.004	0.017	0	0	0	0	0	---	---	27
28	---	9.478	0.138	0.003	0.014	0	0	0	0	0	---	---	28
29	---		0.178	0.002	0.012	0	0	0	0	0	---	---	29
30	---		0.221	0.001	0.010	0	0	0	0	0	---	---	30
31	---		0.137		0.007		0	0		0		---	31
TOTAL	---	34.85	98.519	0.451	6.570	0.098	0.470	0	0	0.154	---	---	TOTAL
MEAN	---	1.24	3.18	0.015	0.212	0.003	0.015	0	0	0.005	---	---	MEAN
MAX	---	16.9	11.9	0.094	2.01	0.021	0.353	0	0	0.085	---	---	MAX
MIN	---	0	0.137	0.001	0.001	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.517
MAXIMUM DAILY, 16.98 ON FEB 27
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
18.8B AT 17:44 CST ON FEB 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 26 N
LONG 107 42 12 W
DRAINAGE AREA, 484 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	40.6
FEB	3 010	AUG	0
MAR	8 510	SEP	0
APR	39.0	OCT	13.3
MAY	568	NOV	---
JUN	8.47	DEC	---

TOTAL DISCHARGE, 12 200 dam³

REMARKS - SIGNIFICANT RUNOFF INCLUDING THE PEAK DISCHARGE OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

DESCHAMBAULT LAKE ON THE HANSON LAKE ROAD - STATION NO. 05KF003

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	325.114	325.148	325.055	---	---	---	1
2	---	---	---	---	---	---	325.114	325.149	325.051	---	---	---	2
3	---	---	---	---	---	---	325.108	325.180	325.046	---	---	---	3
4	---	---	---	---	---	---	325.103	325.180	325.042	---	---	---	4
5	---	---	---	---	---	---	325.102	325.161	325.038	---	---	---	5
6	---	---	---	---	---	---	325.102	325.162	325.033	---	---	---	6
7	---	---	---	---	---	---	325.101	325.162	325.034	---	---	---	7
8	---	---	---	---	---	---	325.101	325.183	325.035	---	---	---	8
9	---	---	---	---	---	---	325.100	325.169	325.031	---	---	---	9
10	---	---	---	---	---	---	325.100	325.170	325.026	---	---	---	10
11	---	---	---	---	---	---	325.094	325.175	325.027	---	---	---	11
12	---	---	---	---	---	---	325.089	325.176	325.018	---	---	---	12
13	---	---	---	---	---	---	325.078	325.177	325.018	---	---	---	13
14	---	---	---	---	---	---	325.068	325.172	325.009	---	---	---	14
15	---	---	---	---	---	---	325.077	325.173	325.010	---	---	---	15
16	---	---	---	---	---	---	325.089	325.169	325.015	---	---	---	16
17	---	---	---	---	---	---	325.088	325.169	325.015	---	---	---	17
18	---	---	---	---	---	---	325.088	325.155	325.001	---	---	---	18
19	---	---	---	---	---	---	325.089	325.156	325.001	---	---	---	19
20	---	---	---	---	---	---	325.090	325.152	325.001	---	---	---	20
21	---	---	---	---	---	---	325.091	325.142	324.986	---	---	---	21
22	---	---	---	---	---	---	325.091	325.133	324.986	---	---	---	22
23	---	---	---	---	---	325.128	325.092	325.129	324.991	---	---	---	23
24	---	---	---	---	---	325.127	325.103	325.129	324.976	---	---	---	24
25	---	---	---	---	---	325.127	325.103	325.115	324.971	---	---	---	25
26	---	---	---	---	---	325.137	325.114	325.106	324.971	---	---	---	26
27	---	---	---	---	---	325.136	325.115	325.101	324.971	---	---	---	27
28	---	---	---	---	---	325.136	325.115	325.097	324.971	---	---	---	28
29	---		---	---	325.092	325.130	325.126	325.098	324.971	---	---	---	29
30	---		---	---	---	325.125	325.127	325.099	324.971E	---	---	---	30
31	---		---		---		325.133	325.099		---		---	31
MEAN	---	---	---	---	---	---	325.100	325.146	325.010	---	---	---	MEAN
MAX	---	---	---	---	---	---	325.133	325.177	325.055	---	---	---	MAX
MIN	---	---	---	---	---	---	325.068	325.097	324.971	---	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1986

MAXIMUM DAILY, 325.177 ON AUG 13

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 40 00 N
LONG 103 24 20 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DESCHARME RIVER BELOW DORE LAKE - STATION NO. 07CD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.80	6.91	7.05	7.88	14.4	12.7	8.02	11.6	8.14	7.14	8.37	7.85	1
2	6.73	6.85	6.94	7.83	14.5	12.8	8.06	11.3	8.17	7.09	7.87	7.83	2
3	6.81	6.80	6.88	7.84	14.8	12.1	8.08	11.2	8.22	7.04	7.90	7.80	3
4	6.77	6.84	6.88	7.85	14.8	11.1	8.59	10.9	8.16	7.22	8.74	7.85	4
5	6.74	6.78	7.34	8.13	14.9	10.5	8.59	11.0	7.83	7.14	9.50	7.88	5
6	6.62	6.77	7.48	8.34	14.9	10.8	8.96	11.0	7.86	7.26	9.81	7.92	6
7	6.78	6.82	7.81	8.68	14.8	10.9	9.50	10.8	7.77	7.43	9.61	7.87	7
8	6.89	6.80	8.02	9.27	14.7	11.1	9.74	10.7	7.72	7.61	8.84	7.78	8
9	7.03	7.03	8.03	10.2	15.2	11.0	9.87	10.5	7.76	7.73	8.34	7.80	9
10	6.99	7.19	8.13	10.6	17.2	9.87	9.97	10.3	7.69	7.86	8.28	7.84	10
11	7.02	7.33	8.03	10.8	17.4	9.48	10.0	10.2	7.58	7.88	8.26	7.83	11
12	6.89	7.41	8.02	10.8	16.8	9.19	9.80	10.1	7.58	8.05	8.33	7.84	12
13	6.86	7.33	7.99	11.0	16.3	8.80	10.0	9.92	7.61	8.08	8.35	7.74	13
14	6.87	7.30	7.89	11.3	15.0	8.55	9.97	9.98	7.42	8.13	8.36	7.74	14
15	6.90	7.27	8.05	11.7	15.4	8.34	9.80	9.76	7.33	8.22	8.32	7.70	15
16	6.89	7.25	7.94	12.3	15.1	8.15	9.73	9.68	7.27	8.31	8.21	7.77	16
17	6.91	7.15	8.02	13.6	14.7	8.12	9.44	9.44	7.26	8.38	8.03	7.78	17
18	6.90	7.27	8.09	14.8	14.7	8.00	9.76	9.45	7.26	8.48	7.83	7.79	18
19	6.88	7.27	7.93	14.6	14.6	7.86	10.3	9.56	7.26	8.49	7.84	7.75	19
20	7.10	7.48	8.04	14.2	14.6	7.35	10.5	9.48	7.27	8.57	7.80	7.72	20
21	6.96	7.59	8.12	14.3	14.1	7.31	10.5	9.32	7.24	8.72	7.81	7.75	21
22	6.89	7.77	7.94	14.6	13.7	7.38	10.5	9.13	7.23	8.81	7.77	7.72	22
23	6.82	7.83	7.86	15.1	14.4	7.48	10.6	9.12	7.27	9.01	7.85	7.72	23
24	6.79	7.88	7.93	14.7	13.6	7.71	10.7	9.18	7.23	9.03	7.87	7.77	24
25	6.72	8.00	7.93	14.1	13.0	7.84	10.9	8.83	7.15	9.02	7.85	7.77	25
26	6.81	7.94	7.94	13.7	13.4	7.85	11.1	8.78	7.13	9.12	7.82	7.80	26
27	6.68	7.90	7.99	13.5 A	12.5	7.83	11.1	8.66	7.15	9.50	7.88	7.81	27
28	6.70	7.24	7.86	13.7	12.7	7.86	11.0	8.55	7.20	9.63	7.85	7.82	28
29	6.62		7.87	14.4	13.3	7.80	11.5	8.51	7.30	9.38	7.84	7.82	29
30	6.55		7.84	14.5	12.9	8.00	11.6	8.54	7.25	9.45	7.83	7.86	30
31	6.70		7.89		13.1		11.8	8.26		9.04		7.81	31
TOTAL	211.38	203.92	242.04	354.83	452.2	273.87	310.18	303.84	225.41	267.01	247.29	241.84	TOTAL
MEAN	6.82	7.28	7.81	11.8	14.6	9.13	10.0	9.80	7.51	8.29	8.24	7.80	MEAN
MAX	7.10	8.09	8.13	15.1	17.4	12.8	11.8	11.6	8.22	9.83	9.81	7.88	MAX
MIN	6.55	6.77	6.89	7.83	12.7	7.31	8.02	8.26	7.13	7.04	7.77	7.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.11
MAXIMUM DAILY, 17.4 ON MAY 11
MINIMUM DAILY, 6.55 ON JAN 30
MAXIMUM INSTANTANEOUS,
18.4 AT 14:11 CST ON MAY 10

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 07 23 N
LONG 105 13 38 W
DRAINAGE AREA, 1 880 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	18 300	JUL	26 800
FEB	17 600	AUG	26 300
MAR	20 900	SEP	19 500
APR	30 700	OCT	22 300
MAY	39 100	NOV	21 400
JUN	23 700	DEC	20 900

TOTAL DISCHARGE, 287 000 dam³

DILLON RIVER BELOW DILLON LAKE - STATION NO. 06BA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.917B	1.16 B	1.29 B	1.79B	14.6	15.3	9.68	53.1	8.67	4.39	3.09B	3.56B	1
2	0.876B	1.16 B	0.950B	1.83B	14.9	16.5	9.51	52.5	8.75	4.21	3.50B	3.40B	2
3	0.874B	1.12 B	0.804B	1.85B	15.6	15.7	10.1	50.9	9.40	4.23	3.54B	3.25B	3
4	0.870B	1.09 B	0.997B	1.89B	16.0	14.5	10.8	48.8	8.61	4.52	3.61B	3.36B	4
5	0.873B	1.04 B	0.910B	2.12B	16.1	14.1	11.5	46.8	7.48	4.23	3.69B	3.33B	5
6	0.783B	1.06 B	1.01 B	2.45B	16.2	14.2	11.3	45.3	7.14	4.36	3.65B	3.25B	6
7	0.840B	0.994B	1.06 B	2.64B	16.3	13.0	11.0	43.5	6.87	4.55	3.48B	3.30B	7
8	0.910B	0.953B	0.961B	2.85B	16.4	12.3	11.0	41.2	6.46	4.30	3.32B	3.65B	8
9	0.996B	0.954B	1.01 B	3.40B	16.2	12.3	11.3	38.9	6.17	4.78	3.17B	3.58B	9
10	1.00 B	1.00 B	1.23 B	3.65B	17.3	11.7	11.8	36.3	6.08	5.52	3.01B	3.33B	10
11	1.33 B	1.14 B	1.32 B	4.02B	17.5	11.6	12.4	33.5	5.91	4.09	2.91B	2.84B	11
12	1.01 B	1.34 B	1.23 B	4.22B	17.4	11.5	13.4	31.5	5.91	4.13	3.02B	3.13B	12
13	1.10 B	1.24 B	1.19 B	4.56B	17.1	10.7	14.0	29.2	5.70	4.14	2.85B	3.26B	13
14	1.14 B	1.21 B	1.13 B	4.84B	17.3	10.2	14.5	27.3	5.23	3.95	2.60B	3.69B	14
15	1.10 B	1.11 B	1.11 B	5.16B	17.3	9.16	15.1	26.5	4.97	4.11	2.67B	3.71B	15
16	1.07 B	1.03 B	1.13 B	5.57B	17.0	8.79	16.3	24.3	5.06	4.08	2.72B	3.63B	16
17	1.04 B	1.04 B	1.12 B	6.01	16.5	8.45	17.6	22.6	5.12	4.06	2.81B	3.62B	17
18	0.935B	0.973B	1.13 B	6.58	16.8	8.16	21.2	23.1	4.92	4.09	3.09B	3.43B	18
19	0.875B	0.903B	1.13 B	6.95	16.7	8.49	23.2	23.8	4.81	4.06	3.36B	3.12B	19
20	1.06 B	0.891B	1.17 B	7.07	16.1	8.56	25.4	21.4	4.77	4.06	3.44B	3.22B	20
21	1.02 B	0.943B	1.15 B	7.55	16.0	9.17	28.0	20.7	4.66	3.97	3.32B	3.01B	21
22	1.01 B	0.991B	1.13 B	7.87	16.2	9.00	31.2	18.4	4.63	3.94	3.12B	3.50B	22
23	1.01 B	1.01 B	1.26 B	8.55	16.7	9.11	36.2	15.9	4.76	3.86	3.26B	3.52B	23
24	0.999B	1.16 B	1.18 B	9.12	16.5	9.65	39.7	15.5	4.05	3.89	3.14B	3.95B	24
25	0.940B	2.11 B	1.29 B	9.81	16.3	9.86	43.8	13.7	3.74	3.95	3.34B	3.72B	25
26	0.808B	1.86 B	1.31 B	10.8	15.2	9.91	46.7	12.7	3.85	3.94	3.38B	3.45B	26
27	0.943B	1.57 B	1.32 B	11.7	16.5	10.0	48.9	12.3	3.93	3.79B	3.68B	3.19B	27
28	1.15 B	1.38 B	1.40 B	12.8	16.5	9.92	51.2	11.9	4.24	3.96B	3.61B	3.01B	28
29	1.16 B		1.47 B	13.8	16.7	9.85	52.6	10.9	4.26	3.78B	3.51B	2.93B	29
30	1.12 B		1.52 B	14.4	16.0	9.88	53.6	10.8	4.40	3.61B	3.58B	2.93B	30
31	1.12 B		1.66 B		16.5		53.4	9.83		2.61B		3.53B	31
TOTAL	30.877	32.532	36.572	185.95	509.4	331.56	766.39	873.13	170.55	128.16	97.47	104.40	TOTAL
MEAN	0.996	1.16	1.18	6.20	16.4	11.1	24.7	28.2	5.69	4.13	3.25	3.37	MEAN
MAX	1.33	2.11	1.66	14.4	17.5	16.5	53.6	53.1	5.40	5.52	3.69	3.95	MAX
MIN	0.783	0.891	0.804	1.79	14.6	8.16	9.51	9.83	3.74	2.61	2.60	2.84	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.85
MAXIMUM DAILY, 53.8 ON JUL 30
MINIMUM DAILY, 0.783B ON JAN 6
MAXIMUM INSTANTANEOUS,
55.0 AT 17.55 CST ON JUL 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 42 35 N
LONG 109 23 08 W
DRAINAGE AREA, 2 330 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 670	JUL	66 200
FEB	2 810	AUG	75 400
MAR	3 160	SEP	14 700
APR	16 100	OCT	11 100
MAY	44 000	NOV	8 420
JUN	28 600	DEC	9 020

TOTAL DISCHARGE, 282 000 dam³

DOGHIDE RIVER NEAR RUNCIMAN - STATION NO. 05KB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	10.0 B	0.181	0.102	0	0	0	0	---	---	1
2	---	---	0 B	11.1 B	0.167	0.086	0	0	0	0	---	---	2
3	---	---	0 B	10.5 B	0.151	0.095	0	0	0	0	---	---	3
4	---	---	0 B	11.6 B	0.146	0.081	0	0	0	0	---	---	4
5	---	---	0 B	11.6 B	0.130	0.083	0	0	0	0	---	---	5
6	---	---	0 B	11.2 B	0.126	0.073	0	0	0	0	---	---	6
7	---	---	0 B	13.0 B	0.110	0.051	0	0	0	0	---	---	7
8	---	---	0 B	11.9	0.114	0.048	0	0	0	0	---	---	8
9	---	---	0 B	9.84	0.124	0.033	0	0	0	0	---	---	9
10	---	---	0 B	8.04	0.386	0.033	0	0	0	0	---	---	10
11	---	---	0 B	6.73	0.386	0.020	0	0	0	0	---	---	11
12	---	---	0 B	5.43	0.436	0.012	0	0	0	0	---	---	12
13	---	---	0 B	3.90	0.579	0.014	0	0	0	0	---	---	13
14	---	---	0 B	2.70	0.439	0.012	0	0	0	0	---	---	14
15	---	---	0 B	1.95	0.435	0.006	0	0	0	0	---	---	15
16	---	---	0 B	1.49 A	0.423	0.001	0	0	0	0	---	---	16
17	---	---	0 B	1.40	0.381	0.001	0	0	0	0	---	---	17
18	---	---	0 B	1.35	0.469	0.001	0	0	0	0	---	---	18
19	---	---	0 B	1.19	0.518	0.001	0	0	0	0.004	---	---	19
20	---	---	0 B	1.00	0.425	0	0	0	0	0.013	---	---	20
21	---	---	0 B	0.819	0.528	0	0	0	0	0.016	---	---	21
22	---	---	0 B	0.789	0.345	0	0	0	0	0.019	---	---	22
23	---	---	0 B	0.606	0.250	0	0	0	0	0.012	---	---	23
24	---	---	0 B	0.422	0.190	0	0	0	0	0.014	---	---	24
25	---	---	0 B	0.389	0.155	0	0	0	0	0.016	---	---	25
26	---	---	0 B	0.305	0.115	0	0	0	0	0.013	---	---	26
27	---	---	0 B	0.271	0.094	0	0	0	0	0.012A	---	---	27
28	---	---	0 B	0.230	0.081	0	0	0	0	0.012E	---	---	28
29	---		0.945B	0.278	0.068	0	0	0	0	0.012E	---	---	29
30	---		2.89 B	0.249	0.092	0	0	0	0	0.012E	---	---	30
31	---		6.31 B		0.089		0	0		0.012E		---	31
TOTAL	---	---	10.145	140.282	8.133	0.750	0	0	0	0.167	---	---	TOTAL
MEAN	---	---	0.327	4.68	0.262	0.025	0	0	0	0.005	---	---	MEAN
MAX	---	---	6.31	13.0	0.579	0.102	0	0	0	0.019	---	---	MAX
MIN	---	---	0	0.230	0.068	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.651
MAXIMUM DAILY, 13.0B ON APR 7
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
13.3B AT 09.12 CST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 58 15 N
LONG 104 04 55 W
DRAINAGE AREA, 440 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	877	SEP	0
APR	12 100	OCT	14.6
MAY	703	NOV	---
JUN	64.8	DEC	---

TOTAL DISCHARGE, 13 800 dam³

DORE LAKE AT DORE LAKE - STATION NO 05AG003

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	28.465	28.560	28.499	---	---	---	1
2	---	---	---	---	---	28.433	28.468	28.581	28.501	28.440	---	---	2
3	---	---	---	---	---	28.468	---	---	---	---	---	---	3
4	---	---	---	---	---	28.444	---	---	28.511	---	---	---	4
5	---	---	---	---	---	28.439	---	28.599	---	---	28.364	---	5
6	---	---	---	---	---	28.425	---	28.598	28.489	---	---	---	6
7	---	---	---	---	---	28.443	28.477	28.600	28.485	---	---	---	7
8	---	---	---	---	---	28.432	28.465	28.593	28.488	---	---	---	8
9	---	---	---	---	---	28.438	28.479	---	28.471	---	---	---	9
10	---	---	---	---	---	28.429	28.480	---	---	---	---	---	10
11	---	---	---	---	---	28.438	28.483	28.582	---	---	---	---	11
12	---	---	---	---	---	---	28.483	28.587	28.487	---	---	---	12
13	---	---	---	---	---	28.453	28.486	---	---	---	---	---	13
14	---	---	---	---	---	28.448	28.479	28.554	---	28.416	---	---	14
15	---	---	---	---	---	---	---	28.564	---	---	---	---	15
16	---	---	---	---	---	---	---	28.559	---	---	---	---	16
17	---	---	---	---	---	28.458	---	28.557	28.456	---	---	---	17
18	---	---	---	---	---	28.458	---	28.563	28.462	28.391	---	---	18
19	---	---	---	---	---	28.308	28.508	---	28.454	---	---	---	19
20	---	---	---	---	---	28.426	28.516	---	---	---	---	---	20
21	---	---	---	---	28.418	28.388	28.517	---	---	---	---	---	21
22	---	---	---	---	28.423	28.458	28.514	---	---	---	---	---	22
23	---	---	---	---	28.408	28.447	28.563	28.534	---	28.395	---	---	23
24	---	---	---	---	28.429	28.433	28.515	---	28.453	---	---	---	24
25	---	---	---	---	---	28.466	28.513	28.540	28.454	---	---	---	25
26	---	---	---	---	28.418	28.463	28.522	28.520	28.464	---	---	---	26
27	---	---	---	---	28.423	---	28.510	28.522	---	---	---	---	27
28	---	---	---	---	28.443	---	28.526	28.522	---	28.398	---	---	28
29	---		---	---	28.443	---	28.524	28.524	---	---	---	---	29
30	---		---	---	28.458	---	---	---	28.435	---	---	---	30
31	---		---		---		28.578	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MINIMUM DAILY, 28.308 ON JUN 19

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 37 43 N
LONG 107 23 41 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

DORE RIVER NEAR THE MOUTH - STATION NO 05AG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3328	0.3988	0.6928	1.358	4.97	7.85	4.36	15.6	2.67	2.34	2.19 B	1.38 B	1
2	0.3188	0.3668	0.6638	1.288	5.14	7.58	4.19	14.6	2.76	2.33	2.05 B	1.47 B	2
3	0.3188	0.3938	0.6918	1.308	5.62	7.26	4.46	13.3	2.88	2.29	2.25 B	1.49 B	3
4	0.3198	0.4038	0.6568	1.468	5.86	6.95	5.03	12.3	2.89	2.27	1.97 B	1.47 B	4
5	0.3538	0.4118	0.6198	1.688	5.83	6.81	4.95	12.0	2.79	2.22	1.97 B	1.48 B	5
6	0.3748	0.4228	0.6178	1.908	5.79	6.59	5.19	11.7	2.71	2.19	1.98 B	1.49 B	6
7	0.3758	0.4118	0.6048	2.098	5.84	6.43	5.40	11.1	2.71	2.25	1.77 B	1.50 B	7
8	0.3638	0.4158	0.6068	2.168	5.59	6.21	5.16	10.2	2.62	2.30	1.73 B	1.43 B	8
9	0.3708	0.4308	0.4558	2.298	5.86	5.99	4.89	9.41	2.56	2.34	1.59 B	1.36 B	9
10	0.3868	0.4248	0.6798	2.268	6.09	5.76	4.63	8.82	2.57	2.34	1.40 B	1.24 B	10
11	0.4408	0.4158	0.7338	2.358	6.67	5.77	4.54	8.20	2.58	2.22	1.45 B	1.17 B	11
12	0.4588	0.4108	0.7418	2.618	6.75	7.00	4.70	7.60	2.65	2.22	1.42 B	1.08 B	12
13	0.4588	0.4218	0.7518	2.548	6.67	7.05	4.63	6.76	2.73	2.17	1.28 B	1.03 B	13
14	0.4858	0.4238	0.7948	2.658	6.58	6.59	4.50	6.14	2.64	2.14	1.16 B	0.9888	14
15	0.5278	0.4138	0.7978	2.578	6.84	6.16	5.19	5.67	2.50	2.22	1.06 B	1.00 B	15
16	0.4958	0.4378	0.9128	2.848	7.07	5.92	6.48	5.27	2.48	2.18	1.01 B	1.00 B	16
17	0.4658	0.3968	1.14 B	3.058	7.56	5.65	7.40	5.01	2.42	2.15	0.9128	1.06 B	17
18	0.4638	0.3828	1.36 B	3.258	8.57	5.37	9.88	4.78	2.43	2.12	0.9428	1.07 B	18
19	0.4548	0.3938	1.24 B	3.248	11.6	5.60	11.4	4.52	2.44	2.10	0.9388	1.10 B	19
20	0.4688	0.3928	1.17 B	3.488	12.2	5.82	11.6	4.29	2.37	2.05	1.01 B	1.10 B	20
21	0.4508	0.3888	1.16 B	3.378	11.8	5.23	10.7	4.08	2.34	2.10	1.09 B	1.11 B	21
22	0.4298	0.4108	0.9448	3.418	11.5	5.41	9.65	3.83	2.35	2.06	1.19 B	1.12 B	22
23	0.4068	0.3968	0.9998	3.578	11.1	5.46	8.75	3.67	2.32	2.10	1.28 B	1.13 B	23
24	0.4188	0.3918	1.33 B	3.658	10.8	5.78	7.98	3.36	2.27	2.10	1.31 B	1.18 B	24
25	0.4238	0.4118	1.54 B	3.658	10.4	5.98	7.33	3.24	2.33	2.13	1.32 B	1.24 B	25
26	0.4218	0.5168	1.55 B	4.388	9.95	5.83	6.78	3.17	2.58	2.15	1.35 B	1.26 B	26
27	0.4048	0.5608	1.48 B	4.778	9.61	5.32	6.61	3.15	3.01	2.15	1.34 B	1.29 B	27
28	0.3958	0.6498	1.43 B	4.81	9.14	5.21	6.65	3.03	2.83	2.16	1.30 B	1.30 B	28
29	0.4108		1.48 B	4.81	8.78	4.89	7.78	2.87	2.58	2.14	1.29 B	1.32 B	29
30	0.4078		1.39 B	4.92	8.44	4.65	11.5	2.83	2.38	2.17	1.30 B	1.41 B	30
31	0.4118		1.29 B		8.17		14.5	2.76		1.808		1.47 B	31
TOTAL	12.831	11.876	30.533	87.80	247.71	181.96	217.03	213.07	77.49	67.54	42.883	38.738	TOTAL
MEAN	0.414	0.424	0.985	2.93	7.99	6.07	7.00	6.87	2.58	2.18	1.43	1.25	MEAN
MAX	0.527	0.649	1.55	4.92	12.2	7.89	14.5	15.6	3.01	2.34	2.25	1.50	MAX
MIN	0.318	0.366	0.455	1.29	4.97	4.65	4.19	2.76	2.27	1.80	0.912	0.988	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.37
MAXIMUM DAILY, 15.6 ON AUG 1
MINIMUM DAILY, 0.3188 ON JAN 2
MAXIMUM INSTANTANEOUS,
15.8 AT 13 26 CST ON AUG 1

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 49 N
LONG 107 44 37 W
DRAINAGE AREA, 2 980 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 110	JUL	18 800
FEB	1 030	AUG	18 400
MAR	2 640	SEP	6 700
APR	7 590	OCT	5 840
MAY	21 400	NOV	3 700
JUN	15 700	DEC	3 350

TOTAL DISCHARGE, 105 000 dam³

DOUGLAS RIVER NEAR CLIFF LAKE - STATION NO. 07MA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.0	9.64	10.8	7.41	19.9	12.6	12.8	17.3	12.9	11.1	8.21	8.15	1
2	10.2	9.76	10.7	7.17	20.3	12.2	12.4	17.0	13.0	11.0	8.25	8.18	2
3	10.3	9.77	10.4	6.81	20.3	12.1	12.5	16.7	13.0	10.9	7.88	8.12	3
4	10.3	9.72	10.4	6.80	20.1	11.8	13.3	16.3	13.1	10.9	8.30	8.11	4
5	10.4	9.71	10.3	6.76	20.0	11.6	13.7	15.9	13.2	10.6	8.84	8.05	5
6	10.4	9.63	10.0	7.06	19.8	11.3	15.0	15.3	13.3	10.4	9.10	7.98	6
7	10.5	9.53	9.96	7.35	19.7	11.2	16.3	15.0	13.4	10.3	9.12	8.02	7
8	10.8	9.50	9.95	7.63	19.5	10.9	17.6	14.8	13.4	10.2	8.84	8.23	8
9	11.0	9.51	10.1	8.42	19.3	10.9	19.4	14.6	13.3	10.2	8.36	8.07	9
10	11.0	9.52	10.2	8.92	19.3	10.7	20.6	14.3	13.1	10.5	8.09	8.08	10
11	10.9	9.55	10.2	9.25	19.2	10.5	21.6	14.0	12.7	10.6	7.85	8.00	11
12	10.5	9.76	10.3	9.49	19.0	10.3	22.0	13.8	12.6	10.7	7.69	7.95	12
13	10.4	9.85	10.3	9.43	18.9	10.1	22.2	13.6	12.4	10.7	7.62	8.12	13
14	10.3	9.87	10.5	9.16	18.9	9.95	21.9	13.5	12.2	10.8	7.70	8.21	14
15	10.3	9.82	10.6	8.86	18.6	9.89	21.1	13.3	12.0	10.9	7.79	8.26	15
16	10.1	9.70	10.5	8.84	18.5	9.75	20.2	13.1	11.8	10.9	8.11	8.28	16
17	9.93	9.72	10.3	9.17	18.0	9.65	19.7	13.1	11.6	10.9	8.24	8.26	17
18	9.75	9.72	10.1	9.66	17.6	9.57	19.3	13.2	11.3	10.9	8.33	8.24	18
19	9.63	9.74	9.86	10.3	17.3	9.79	19.1	13.4	11.1	10.8	8.35	8.09	19
20	9.71	9.83	9.60	10.8	17.0	10.4	18.8	13.5	11.0	10.7	8.40	8.00	20
21	9.63	9.90	9.36	11.5	16.5	10.4	18.9	13.5	11.0	10.7	8.46	7.97	21
22	9.59	10.1	9.26	12.2	16.3	11.0	19.1	13.6	10.9	10.6	8.50	7.95	22
23	9.67	10.1	9.06	13.2	16.2	11.5	19.2	13.8	10.9	10.5	8.49	7.97	23
24	9.76	10.2	8.83	14.0	15.8	12.1	19.3	14.0	11.0	10.4	8.49	7.96	24
25	9.65	10.3	8.69	14.5	15.6	12.6	19.3	14.1	10.9	10.2	8.44	7.78	25
26	9.60	10.5	8.65	15.3	15.4	12.9	19.2	14.1	10.9	10.2	8.37	7.75	26
27	9.56	10.7	8.54	16.2	15.1	13.0	18.8	14.0	10.9	10.3	8.39	7.75	27
28	9.62	10.8	8.19	17.0	14.7	13.1	18.7	14.0	11.0	10.3	8.22	7.66	28
29	9.53		7.89	17.8	14.1	13.0	18.3	13.9	11.1	10.2	8.18	7.59	29
30	9.65		7.56	18.1	13.5	12.9	18.0	13.6	11.1	9.84	8.13	7.62	30
31	9.63		7.32		13.1		17.6	13.3		8.58		7.55	31
TOTAL	312.71	276.65	298.42	320.41	547.5	337.50	565.9	443.6	360.1	325.82	248.72	247.95	TOTAL
MEAN	10.1	9.87	9.63	10.7	17.7	11.3	18.3	14.3	12.0	10.5	8.29	8.00	MEAN
MAX	11.0	10.8	10.8	19.1	20.3	13.1	22.2	17.3	13.4	11.1	9.12	8.28	MAX
MIN	9.53	9.50	7.32	6.76	13.1	9.57	12.4	13.1	10.9	8.58	7.62	7.55	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.7
MAXIMUM DAILY, 22.2 ON JUL 13
MINIMUM DAILY, 6.76 ON APR 5
MAXIMUM INSTANTANEOUS,
22.2 AT 12:48 CST ON JUL 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 19 20 N
LONG 109 47 10 W
DRAINAGE AREA, 1 680 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27 000	JUL	48 900
FEB	23 900	AUG	38 300
MAR	25 800	SEP	31 100
APR	27 700	OCT	28 200
MAY	47 300	NOV	21 500
JUN	29 200	DEC	21 400

TOTAL DISCHARGE, 370 000 dam³

DOWNIE LAKE INFLOW CANAL - STATION NO. 05HA070

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 B	0.0388	1.89	0.133	0.014	0.008	0	0	0	0.029	0	---	1
2	0 B	0.0408	1.34	0.101	0.011	0.008	0	0	0	0.020	0	---	2
3	0 B	0.0348	1.01	0.077	0.009	0.007	0	0	0	0.018	0.010	---	3
4	0 B	0.0268	0.914	0.060	0.009	0.007	0	0	0	0.016	0.018	---	4
5	0 B	0.0218	0.692	0.054	0.012	0.007	0	0	0	0.013	0.015A	---	5
6	0 B	0.0158	0.517B	0.050	0.177	0.007	0	0	0	0.012	---	---	6
7	0 B	0.0208	0.566B	0.048	0.079	0.007	0	0	0	0.011	---	---	7
8	0 B	0.0118	0.329	0.044	0.030	0.009	0	0	0	0.010	---	---	8
9	0 B	0.0048	0.218	0.019	0.050	0.013	0	0	0	0.008	---	---	9
10	0.160B	0 B	0.296	0.015	0.812	0.017	0	0	0	0.008	---	---	10
11	0.370B	0 B	0.270	0.016	2.10	0.018	0	0	0	0.007	---	---	11
12	0.360B	0 B	0.214	0.024	2.01	0.016	0	0	0	0.006	---	---	12
13	0.088B	0 B	0.191	0.033	1.13	0.012	0	0	0	0.004	---	---	13
14	0.037B	0 B	0.278	0.038	0.882	0.008	0	0	0	0.004	---	---	14
15	0.018B	0 B	0.318	0.033	0.584	0.007	0	0	0	0.002	---	---	15
16	0.016B	0 B	0.211	0.042	0.928	0.005	0	0	0	0.002	---	---	16
17	0.011B	0 B	0.129	0.051	1.79	0.004	0	0	0	0.001	---	---	17
18	0.005B	0 B	0.088	0.061	1.52	0.004	0	0	0	0.001	---	---	18
19	0.059B	0 B	0.066	0.061	1.20	0.002	0	0	0	0.001	---	---	19
20	1.18 B	0 B	0.053	0.053	0.845	0.002	0	0	0	0.001	---	---	20
21	1.19 B	0 B	0.077	0.047	0.617	0.001	0	0	0	0	---	---	21
22	0.803B	0 B	0.230	0.042	1.84	0	0	0	0	0	---	---	22
23	0.272B	0 B	0.272	0.042	2.79	0	0	0	0	0	---	---	23
24	0.073B	0.477B	0.185	0.044	1.77	0	0	0	0	0	---	---	24
25	0.074B	9.18 B	0.125	0.046	1.14	0	0	0	6.05	0	---	---	25
26	0.052B	7.10 B	0.096	0.048	0.784	0	0	0	2.16	0	---	---	26
27	0.043B	2.43 B	0.074	0.051	0.574	0	0	0	0.097	0	---	---	27
28	0.068B	1.57 B	0.128	0.048	0.439	0	0	0	0.053	0	---	---	28
29	0.118B		0.256	0.028	0.277	0	0	0	0.049	0	---	---	29
30	0.081B		0.239	0.018	0.047	0	0	0	0.043	0	---	---	30
31	0.049B		0.168		0.011		0	0		0		---	31
TOTAL	5.138	20.966	11.420	1.427	24.311	0.169	0	0	8.452	0.174	---	---	TOTAL
MEAN	0.186	0.749	0.368	0.048	0.784	0.006	0	0	0.282	0.006	---	---	MEAN
MAX	1.19	9.18	1.89	0.133	2.79	0.018	0	0	6.05	0.029	---	---	MAX
MIN	0	0	0.053	0.015	0.009	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS JAN TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.237
MAXIMUM DAILY, 9.188 ON FEB 25
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
13.5 AT 18:01 CST ON SEP 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 08 N
LONG 109 39 10 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	444	JUL	0
FEB	1 810	AUG	0
MAR	987	SEP	730
APR	123	OCT	15.0
MAY	2 100	NOV	---
JUN	14.6	DEC	---

TOTAL DISCHARGE, 6 220 dam³

REMARKS - A SIGNIFICANT PORTION OF RUNOFF OCCURRED IN JAN AND FEB, OUTSIDE THE STANDARD PERIOD

DOWNIE LAKE RESERVOIR NEAR MAPLE CREEK - STATION NO 05MA004

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	874.829	876.385	876.770	876.635	877.440	876.283	875.432	875.258A	876.582	876.577	---	1
2	---	874.830	876.481	876.773	876.628	877.346	876.281	875.428	875.257A	876.593	876.578	---	2
3	---	874.831	876.542	876.760	876.632	877.247	876.276	875.421	875.255A	876.602	876.577	---	3
4	---	874.836	876.582	876.759	876.631	877.143	876.265	875.416	875.254E	876.625	876.581	---	4
5	---	874.837	876.612	876.767	876.647	877.049	876.258	875.408	875.249A	876.634	876.584A	---	5
6	---	874.835	876.628	876.765	876.651	876.957	876.235	875.404	875.245	876.639	---	---	6
7	---	874.832	876.632	876.762	876.664	876.868	876.186	875.400	875.253	876.638	---	---	7
8	---	874.832	876.650	876.746	876.670	876.775	876.096	875.400	875.258	876.633	---	---	8
9	---	874.830	876.658	876.743	876.684	876.692	876.016	875.392	875.261	876.607	---	---	9
10	---	874.829	876.668	876.740	876.710	876.599	875.936	875.380	875.254	876.606	---	---	10
11	---	874.828	876.674	876.732	876.782	876.525	875.850	875.381	875.256	876.598	---	---	11
12	874.388A	874.829	876.680	876.720	876.890	876.458	875.770	875.378A	875.253	876.598	---	---	12
13	874.436	874.832	876.690	876.719	876.953	876.406	875.689	875.374A	875.255	876.598	---	---	13
14	874.474	874.830	876.697	876.708	876.977	876.361	875.613	875.365A	875.261	876.601	---	---	14
15	874.501	874.830	876.708	876.701	877.014	876.384	875.532	875.361A	875.272	876.602	---	---	15
16	874.517	874.831	876.716	876.702	877.038	876.359	875.464	875.358A	875.278	876.602	---	---	16
17	874.530	874.827	876.719	876.706	877.099	876.361	875.495	875.321A	875.270E	876.594	---	---	17
18	874.542	874.827A	876.723	876.702	877.163	876.360	875.505	875.341A	875.295A	876.589	---	---	18
19	874.564	874.828E	876.724	876.698	877.261	876.349	875.508	875.331A	875.297E	876.586	---	---	19
20	874.635	874.828A	876.726	876.695	877.307	876.338	875.505	875.325A	875.295E	876.586	---	---	20
21	874.706	874.829	876.724	876.692	877.333	876.331	875.507	875.326A	875.285E	876.588	---	---	21
22	874.749	874.834	876.728	876.691	877.378	876.324	875.500A	875.321A	875.270E	876.584	---	---	22
23	874.774	874.837	876.724	876.686	877.512	876.320	875.498	875.307A	875.265E	876.579	---	---	23
24	874.788	874.850	876.736	876.677	877.620	876.319	875.490	875.301A	875.267A	876.582	---	---	24
25	874.795	875.170	876.746	876.671	877.675	876.311	875.481	875.292A	875.494	876.581	---	---	25
26	874.804	875.821	876.743	876.669	877.696	876.303	875.474	875.288A	876.222	876.584	---	---	26
27	874.806	876.148	876.748	876.664	877.710	876.296	875.471	875.278A	876.488	876.583	---	---	27
28	874.811	876.283	876.753	876.661	877.717	876.290	875.455	875.284A	876.535	876.582	---	---	28
29	874.812		876.758	876.650	877.682	876.285	875.454	875.281A	876.560	876.575	---	---	29
30	874.822		876.762	876.640	877.617	876.300	875.440A	875.274A	876.573	876.581	---	---	30
31	874.826		876.769		877.537		875.437	875.261A		876.588		---	31
MEAN	---	874.978	876.680	876.712	877.114	876.570	875.741	875.350	875.475	876.597	---	---	MEAN
MAX	---	876.283	876.769	876.773	877.717	877.440	876.293	875.432	876.573	876.639	---	---	MAX
MIN	---	874.827	876.385	876.640	876.628	876.290	875.437	875.261	875.245	876.575	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 877.717 ON MAY 28

MAXIMUM INSTANTANEOUS,
877.723 AT 12 12 CST ON MAY 28

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 01 N
LONG 109 40 49 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA
25.1 km²

DRAGLINE CHANNEL NEAR SOUAW RAPIDS - STATION NO 05KH011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.02 B	1.08 B	0.1848	0.6908	1.30 B	1.84	3.54	9.02	0.984	12.2	0.385	0.6578	1
2	0.8828	0.5768	0.2948	0.6958	1.63 B	2.06	3.32	9.59	1.00	11.0	0.339	0.8238	2
3	0.7648	0.2968	0.3038	1.02 B	1.92 B	2.15	14.4	9.56	1.27	11.2	0.352	0.8188	3
4	0.9738	0.3158	0.5318	1.23 B	1.91 B	2.24	16.8	9.34	2.04	8.70	0.351	0.8158	4
5	1.26 B	0.3918	0.5578	1.36 B	1.62 B	2.13	15.3	8.27	7.50	8.29	0.324	0.8718	5
6	1.19 B	0.4638	0.6358	0.6688	1.50 B	2.07	9.79	8.64	8.98	4.34	0.5058	0.7528	6
7	1.04 B	0.5928	0.5208	0.6188	1.23 B	2.10	3.11	7.08	1.23	10.8	0.5128	0.7318	7
8	0.6198	0.6538	0.5038	1.07 B	1.11 B	2.18	13.1	4.84	0.890	17.6	0.4278	0.7368	8
9	0.6178	0.7278	0.0958	0.9448	0.9308	2.12	9.49	2.21	3.54	14.6	0.9058	1.25 B	9
10	0.7228	0.9878	0.3118	1.03 B	0.7498	2.08	8.98	2.14	13.7	16.0	0.6578	1.33 B	10
11	0.6738	1.10 B	0.2658	1.28 B	0.4628	2.14	11.3	1.75	10.2	18.0	0.6688	1.10 B	11
12	0.4168	0.9198	0.4468	0.9808	0.3628	1.78	9.07	2.26	11.1	9.42	0.7428	1.24 B	12
13	0.6638	1.01 B	0.4158	1.02 B	0.6608	1.51	5.94	2.17	8.41	9.89	0.8748	1.11 B	13
14	0.6288	0.7788	0.1438	1.13 B	0.749	1.27	3.20	1.82	2.82	13.0	0.9878	1.18 B	14
15	0.9248	0.4658	0.0988	1.35 B	0.834	1.16	10.3	1.74	9.13	8.98	1.02 B	1.11 B	15
16	1.14 B	0.4628	0.1118	1.07 B	0.781	1.22	10.7	1.59	8.40	1.23	0.9618	1.36 B	16
17	1.08 B	0.5358	0.2148	1.04 B	0.800	1.48	10.2	1.43	8.88	0.715	0.9878	1.28 B	17
18	0.9208	0.5748	0.1928	1.04 B	0.803	1.38	9.99	1.44	8.17	0.679	1.06 B	1.21 B	18
19	0.8908	0.6048	0.2438	0.9598	0.711	1.28	15.1	1.57	7.12	0.644	1.07 B	1.06 B	19
20	0.8458	0.6888	0.3048	1.23 B	0.960	1.31	19.8	1.47	4.90	0.634	1.09 B	0.8098	20
21	0.8728	0.5888	0.5808	1.22 B	1.73	1.21	27.4	1.33	3.72	0.598	1.17 B	0.8608	21
22	0.6618	0.4708	0.5858	1.08 B	1.78	0.813	28.5	1.47	5.87	0.617	1.07 B	1.01 B	22
23	0.3868	0.2808	0.7488	1.04 B	1.77	0.858	21.3	1.30	9.93	0.592	0.8408	0.8858	23
24	0.4588	0.2418	0.6358	1.28 B	1.77	1.06	11.2	0.996	8.70	0.587	0.8108	0.9638	24
25	0.3868	0.4518	1.04 B	0.8918	1.55	1.11	10.8	0.816	9.88	0.587	0.8308	0.9238	25
26	0.3328	0.3328	1.10 B	1.03 B	1.54	1.13	10.8	1.40	8.98	0.548	0.8498	0.7568	26
27	0.4328	0.5428	1.58 B	1.09 B	2.02	1.22	10.6	1.20	6.59	0.533	0.7478	0.8008	27
28	0.6598	0.5468	0.9858	1.35 B	2.08	2.55	9.94	1.29	6.31	0.512	0.7468	0.7548	28
29	0.5488		0.8858	1.34 B	2.12	0.588	9.56	1.52	8.69	0.468	0.7138	0.8188	29
30	0.8438		0.8328	1.25 B	2.20	0.449	9.63	1.27	8.75	0.439	0.7888	0.8188	30
31	1.07 B		0.7278		2.13		8.19	1.17		0.427		0.9758	31
TOTAL	23.913	16.837	15.961	32.105	41.961	46.468	362.35	101.792	197.484	183.930	22.780	29.804	TOTAL
MEAN	0.771	0.594	0.515	1.07	1.35	1.55	11.7	3.28	6.58	5.93	0.759	0.961	MEAN
MAX	1.26	1.10	1.58	1.36	2.20	2.55	28.5	9.59	13.7	18.0	1.17	1.36	MAX
MIN	0.332	0.241	0.095	0.618	0.362	0.449	3.11	0.816	0.890	0.427	0.324	0.657	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.95
MAXIMUM DAILY, 28.5 ON JUL 22
MINIMUM DAILY, 0.0958 ON MAR 9
MAXIMUM INSTANTANEOUS,
28.8 AT 08 13 CST ON JUL 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 50 00 N
LONG 102 56 25 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 070	JUL	31 300
FEB	1 440	AUG	8 780
MAR	1 380	SEP	17 100
APR	2 770	OCT	15 800
MAY	3 630	NOV	1 870
JUN	4 010	DEC	2 580

TOTAL DISCHARGE, 92 900 dam³

DUCK CREEK NEAR KELVINGTON - STATION NO. 05LA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	7.02 B	0.043	0.004	0	0	0	0	OB	---	1
2	---	---	0 B	5.37 B	0.040	0.006	0	0	0	0	OB	---	2
3	---	---	0 B	4.44 B	0.040	0.005	0	0	0	0	OB	---	3
4	---	---	0 B	4.02 B	0.046	0.003	0	0	0	0	OB	---	4
5	---	---	0 B	4.12 B	0.040	0.005	0	0	0	0	OB	---	5
6	---	---	0 B	4.91	0.035	0.007	0	0	0	0	---	---	6
7	---	---	0 B	4.38	0.036	0.006	0	0	0	0	---	---	7
8	---	---	0 B	3.66	0.032	0.004	0	0	0	0	---	---	8
9	---	---	0 B	2.83	0.032	0.006	0	0	0	0	---	---	9
10	---	---	0 B	2.34	0.036	0.007	0	0	0	0	---	---	10
11	---	---	0 B	2.25	0.034	0.005	0	0	0	0	---	---	11
12	---	---	0 B	2.03	0.033	0.003	0	0	0	0	---	---	12
13	---	---	0 B	1.22	0.041	0.002	0	0	0	0	---	---	13
14	---	---	0 B	0.827	0.038	0.001	0	0	0	0	---	---	14
15	---	---	0 B	0.901	0.031	0	0	0	0	0	---	---	15
16	---	---	0 B	0.686	0.024	0	0	0	0	0	---	---	16
17	---	---	0 B	0.659	0.033	0	0	0	0	0	---	---	17
18	---	---	0 B	0.636	0.040	0	0	0	0	0	---	---	18
19	---	---	0 B	0.575	0.052	0	0	0	0	0	---	---	19
20	---	---	0 B	0.517	0.056	0	0	0	0	0	---	---	20
21	---	---	0 B	0.443	0.042	0	0	0	0	0	---	---	21
22	---	---	0 B	0.333	0.035	0	0	0	0	0	---	---	22
23	---	---	0 B	0.229	0.037	0	0	0	0	0	---	---	23
24	---	---	0 B	0.135	0.051	0	0	0	0	0	---	---	24
25	---	---	0 B	0.065	0.102	0	0	0	0	0	---	---	25
26	---	---	0 B	0.043	0.071	0	0	0	0	0	---	---	26
27	---	---	0 B	0.039	0.069	0	0	0	0	0	---	---	27
28	---	---	0.0018	0.040	0.060	0	0	0	0	0	---	---	28
29	---		1.56 B	0.038	0.050	0	0	0	0	0	---	---	29
30	---		3.27 B	0.038	0.042	0	0	0	0	0	---	---	30
31	---		6.79 B		0.020		0	0		0		---	31
TOTAL	---	---	11.621	55.794	1.341	0.064	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.375	1.86	0.043	0.002	0	0	0	0	---	---	MEAN
MAX	---	---	6.79	7.02	0.102	0.007	0	0	0	0	---	---	MAX
MIN	---	---	0	0.038	0.020	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.281
MAXIMUM DAILY, 7.028 ON APR 1
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.638 AT 01:10 CST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 08 40 N
LONG 103 37 34 W
DRAINAGE AREA, 210 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1 000	SEP	0
APR	4 820	OCT	0
MAY	115	NOV	---
JUN	5.53	DEC	---

TOTAL DISCHARGE, 5 940 dam³

REMARKS - CHANNEL DREDGED AFTER OCT 01 1986

EAGLE CREEK NEAR ANGLIA - STATION NO. 05GC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0708	1.21 B	0.021	0.091	0.008	0.154	0.002	0.051A	0.034	---	1
2	---	---	0.9268	0.5418	0.020	0.084	0.007	0.138	0.001	0.061	0.032	---	2
3	---	---	1.63 B	0.4728	0.020	0.072	0.007	0.082	0.001	0.050	0.033	---	3
4	---	---	1.39 B	0.474	0.089	0.038	0.007	0.073	0.002	0.054	0.044	---	4
5	---	---	0.9988	0.459	0.256	0.025	0.006	0.065	0.003	0.036	0.058	---	5
6	---	---	0.7178	0.400	0.168	0.022	0.006	0.071	0.004E	0.038	0.061A	---	6
7	---	---	0.6188	0.373	0.081	0.021	0.006	0.044	0.004E	0.033	---	---	7
8	---	---	0.4638	0.311	0.039	0.020	0.006	0.032	0.005E	0.033	---	---	8
9	---	---	0.3578	0.295	0.035	0.019	0.008	0.029	0.005E	0.036	---	---	9
10	---	---	0.3068	0.255	0.080	0.017	0.022	0.025	0.006E	0.031	---	---	10
11	---	---	0.2418	0.228	0.070	0.017	0.119	0.021	0.006E	0.035	---	---	11
12	---	---	0.1728	0.2198	0.140	0.015	0.447	0.019	0.008E	0.035	---	---	12
13	---	---	0.1958	0.1788	0.118	0.014	0.133	0.018	0.009E	0.033	---	---	13
14	---	---	0.2208	0.1428	0.085	0.014	0.575	0.016	0.009E	0.033	---	---	14
15	---	---	0.2918	0.115	0.081	0.014	0.803	0.014	0.011E	0.031	---	---	15
16	---	---	0.2988	0.099	0.052	0.014	0.727	0.012	0.012E	0.031	---	---	16
17	---	---	0.3368	0.119	0.032	0.013	0.537	0.012	0.013E	0.027	---	---	17
18	---	---	0.2868	0.142	0.024	0.012	0.506	0.011	0.014E	0.027	---	---	18
19	---	---	0.2188	0.131	0.022	0.012	0.327	0.010	0.014E	0.027	---	---	19
20	---	---	0.3878	0.080	0.020	0.011	0.229	0.010	0.014E	0.027	---	---	20
21	---	---	0.8288	0.087	0.084	0.011	0.155	0.009	0.014E	0.026	---	---	21
22	---	---	0.9088	0.100	0.135	0.011	0.165	0.008	0.021E	0.024	---	---	22
23	---	---	0.7308	0.122	0.541	0.010	0.181	0.007	0.026E	0.025	---	---	23
24	---	---	0.8558	0.093	1.08	0.010	0.178	0.006	0.022E	0.027	---	---	24
25	---	---	0.4328	0.071	0.699	0.010	0.184	0.005	0.026E	0.032	---	---	25
26	---	---	0.4908	0.044	0.347	0.010	0.149	0.005	0.045E	0.035	---	---	26
27	---	---	0.4798	0.034	0.210	0.010	0.137	0.004	0.032E	0.036	---	---	27
28	---	---	0.4218	0.029	0.158	0.008	0.153	0.004	0.026E	0.040	---	---	28
29	---		0.6068	0.031	0.152	0.008	0.184	0.003	0.034E	0.036	---	---	29
30	---		1.17 B	0.033	0.136	0.008	0.139	0.003	0.040E	0.035	---	---	30
31	---		2.12 B		0.126		0.148	0.002		0.032		---	31
TOTAL	---	---	19.158	7.037	5.091	0.644	5.309	0.912	0.429	1.077	---	---	TOTAL
MEAN	---	---	0.618	0.235	0.164	0.021	0.204	0.029	0.014	0.035	---	---	MEAN
MAX	---	---	2.12	1.24	1.08	0.091	0.803	0.154	0.045	0.061	---	---	MAX
MIN	---	---	0.070	0.029	0.020	0.008	0.006	0.002	0.001	0.024	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.166
MAXIMUM DAILY, 2.12B ON MAR 31
MINIMUM DAILY, 0.001 ON SEP 2
MAXIMUM INSTANTANEOUS,
2.31B AT 08:48 CST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 43 N
LONG 108 10 58 W
DRAINAGE AREA, 5 730 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	545
FEB	---	AUG	78.8
MAR	1 650	SEP	37.1
APR	808	OCT	93.1
MAY	440	NOV	---
JUN	55.6	DEC	---

TOTAL DISCHARGE, 3 520 dam³

EAGLE CREEK NEAR ENVIRON - STATION NO. 05GC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.126B	1.27 B	0.282	0.258	0.449	0.414	0.039	0.057	0.029	---	1
2	---	---	0.814B	1.26 B	0.352	0.295	0.406	0.287	0.034	0.055	0.032	---	2
3	---	---	0.922B	1.40 B	0.222	0.280	0.275	0.218	0.060	0.052	0.040	---	3
4	---	---	0.823B	1.94 B	0.246	0.249	0.194	0.159	0.058	0.044	0.050	---	4
5	---	---	0.292B	1.77 B	0.245	0.270	0.186	0.137	0.056	0.041	0.068A	---	5
6	---	---	0.207B	1.85 B	0.271	0.403	0.196	0.219	0.036	0.039	---	---	6
7	---	---	0.091B	2.05 B	0.249	0.506	0.123	0.223	0.043	0.032	---	---	7
8	---	---	0.075B	2.24 B	0.271	0.364	0.059	0.188	0.028	0.034	---	---	8
9	---	---	0.057B	1.91 B	0.288	0.310	0.028	0.218	0.025	0.034	---	---	9
10	---	---	0.047B	1.70	0.424	0.323	0.032	0.160	0.021	0.029	---	---	10
11	---	---	0.060B	1.42	0.459	0.317	0.052	0.115	0.016	0.028	---	---	11
12	---	---	0.097B	1.16	0.489	0.440	0.103	0.077	0.027	0.030	---	---	12
13	---	---	0.248B	0.986	0.438	0.500	0.241	0.078	0.020	0.031	---	---	13
14	---	---	0.481B	0.797	0.396	0.529	0.727	0.064	0.020	0.030	---	---	14
15	---	---	0.970B	0.607	0.458	0.529	0.700	0.125	0.024	0.029	---	---	15
16	---	---	1.52 B	0.512	0.461	0.582	0.560	0.194	0.036A	0.026	---	---	16
17	---	---	1.50 B	0.485	0.446	0.615	0.574	0.198	0.034E	0.024	---	---	17
18	---	---	1.27 B	0.526	0.521	0.678	0.519	0.197	0.034E	0.026	---	---	18
19	---	---	1.10 B	0.474	0.519	0.732	0.459	0.181	0.033E	0.027	---	---	19
20	---	---	1.13 B	0.471	0.484	0.641	0.474	0.165	0.033E	0.025	---	---	20
21	---	---	1.04 B	0.446	0.453	0.590	0.463	0.104	0.032E	0.025	---	---	21
22	---	---	0.766B	0.444	0.459	0.595	0.381	0.085	0.032E	0.025	---	---	22
23	---	---	0.490B	0.468	0.534	0.562	0.299	0.079	0.030E	0.026	---	---	23
24	---	---	0.500B	0.420	0.506	0.476	0.499	0.067	0.030E	0.025	---	---	24
25	---	---	0.534B	0.429	0.416	0.400	0.542	0.046	0.029E	0.023	---	---	25
26	---	---	1.06 B	0.425	0.398	0.467	0.420	0.044	0.028E	0.023	---	---	26
27	---	0.036B	1.57 B	0.379	0.393	0.400	0.470	0.031	0.053E	0.023	---	---	27
28	---	0.036B	1.46 B	0.427	0.328	0.277	0.844	0.032	0.206E	0.028	---	---	28
29	---		1.18 B	0.313	0.270	0.253	0.538	0.033	0.155E	0.036	---	---	29
30	---		0.927B	0.289	0.248	0.302	0.514	0.042	0.063A	0.035	---	---	30
31	---		1.02 B		0.195		0.524	0.041		0.032		---	31
TOTAL	---	---	22.377	28.808	11.731	13.144	11.631	4.221	1.336	0.997	---	---	TOTAL
MEAN	---	---	0.722	0.960	0.378	0.438	0.375	0.136	0.045	0.032	---	---	MEAN
MAX	---	---	1.57	2.24	0.534	0.732	0.727	0.414	0.206	0.057	---	---	MAX
MIN	---	---	0.047	0.269	0.195	0.249	0.028	0.031	0.016	0.023	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.385
MAXIMUM DAILY, 2.24B ON APR 8
MINIMUM DAILY, 0.016 ON SEP 11
MAXIMUM INSTANTANEOUS,
3.38B AT 11:53 CST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 13 50 N
LONG 107 22 40 W
DRAINAGE AREA, 11 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 000
FEB	---	AUG	365
MAR	1 930	SEP	115
APR	2 490	OCT	86.1
MAY	1 010	NOV	---
JUN	1 140	DEC	---

TOTAL DISCHARGE, 8 140 dam³

EAST POPLAR RIVER ABOVE COOKSON RESERVOIR - STATION NO. 11AE014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	1.41	0.003	0.003	0	0	0.002	0	0.001	0	---	1
2	---	0 B	1.37	0.002	0.003	0	0	0.001	0	0.002	0	---	2
3	---	0 B	0.839	0.002	0.003	0	0	0.001	0	0.001	0A	---	3
4	---	0 B	0.911	0.025	0.003	0.001	0	0	0	0.001	---	---	4
5	---	0 B	0.650B	0.011	0.014	0.001	0	0	0	0.001	---	---	5
6	---	0 B	0.450B	0.005	0.021	0	0	0	0	0.001	---	---	6
7	---	0 B	0.314	0.003	0.013	0	0	0	0	0.001	---	---	7
8	---	0 B	0.282	0.002	0.008	0.001	0	0	0	0.002	---	---	8
9	---	0 B	0.274	0.002	0.030	0.002	0	0	0	0.001	---	---	9
10	---	0 B	0.344	0.002	0.091	0.002	0	0	0	0.001	---	---	10
11	---	0 B	0.302	0.212	0.059	0.001	0	0	0	0.001	---	---	11
12	---	0 B	0.181	0.826	0.152	0	0	0	0	0.001	---	---	12
13	---	0 B	0.099	0.209	0.085	0	0	0	0	0.001	---	---	13
14	---	0 B	0.077	0.186	0.038	0	0	0	0	0.001	---	---	14
15	---	0 B	0.088	0.217	0.019	0	0	0	0	0.001	---	---	15
16	---	0 B	0.061	0.178	0.013	0	0	0	0	0.001	---	---	16
17	---	0 B	0.042	0.162	0.012	0	0	0	0	0.001	---	---	17
18	---	0 B	0.039	0.133	0.007	0	0	0	0	0.001	---	---	18
19	---	0 B	0.016	0.083	0.006	0	0	0	0	0	---	---	19
20	---	0 B	0.018	0.040	0.004	0	0	0	0	0	---	---	20
21	---	0 B	0.012	0.010	0.003	0	0	0	0	0	---	---	21
22	---	0 B	0.011	0.007	0.002	0	0	0	0	0	---	---	22
23	---	0 B	0.006	0.011	0.003	0	0	0	0	0	---	---	23
24	---	0 B	0.005	0.012	0.003	0	0	0	0	0	---	---	24
25	---	1.34 B	0.005	0.007	0.002	0	0.138	0	0.001	0	---	---	25
26	---	10.6	0.005	0.005	0.002	0	0.133	0	0.002	0	---	---	26
27	---	4.86	0.004	0.005	0.002	0	0.067	0	0.001	0	---	---	27
28	---	2.14	0.004	0.004	0.001	0	0.026	0	0.001	0	---	---	28
29	---		0.004	0.004	0.001	0	0.009	0	0.001	0	---	---	29
30	---		0.003	0.003	0.001	0	0.005	0	0.001	0	---	---	30
31	---		0.003		0.001		0.003	0		0		---	31
TOTAL	---	18.94	7.848	2.172	0.606	0.008	0.381	0.004	0.007	0.020	---	---	TOTAL
MEAN	---	0.676	0.253	0.072	0.020	0	0.012	0	0	0.001	---	---	MEAN
MAX	---	10.6	1.41	0.826	0.152	0.002	0.138	0.002	0.002	0.002	---	---	MAX
MIN	---	0	0.003	0.002	0.001	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.110
MAXIMUM DAILY, 10.6 ON FEB 26
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
22.6 AT 01:10 CST ON FEB 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 51 N
LONG 105 32 36 W
DRAINAGE AREA, 143 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	32.9
FEB	1 840	AUG	0.35
MAR	678	SEP	0.60
APR	188	OCT	1.73
MAY	52.4	NOV	---
JUN	0.68	DEC	---

TOTAL DISCHARGE, 2 980 dam³

REMARKS - SIGNIFICANT RUNOFF INCLUDING THE PEAK DISCHARGE OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

EAST POPLAR RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 11AE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.079	0.082	4.25 B	0.215	0.224	0.159	0.091	0.082	0.068	0.079	0.076	0.079	1
2	0.082	0.082	5.51 B	0.396	0.184	0.116	0.082	0.079	0.068	0.093	0.082	B.082	2
3	0.082	0.082	6.51	0.241	0.204	0.113	0.082	0.082	0.079	0.085	0.085	0.076	3
4	0.082	0.085	6.54	0.164	0.218	0.105	0.088	0.082	0.078	0.088	0.082	B.076	4
5	0.076	0.082	6.20	0.153	0.783	0.093	0.150	0.082	0.076	0.085	0.079	B.074	5
6	0.079	0.082	5.72	0.198	0.510	0.085	0.138	0.082	0.076	0.082	0.079	0.074	6
7	0.079	0.076B	4.39	0.204	0.224	0.091	0.110	0.082	0.074	0.082	0.079	0.074	7
8	0.079	0.071B	2.12	0.156	0.212	0.091	0.093	0.078	0.071	0.093	0.082	0.074	8
9	0.082	0.068B	2.01	0.127	0.384	0.119	0.085	0.079	0.076	0.085	0.071	0.065	9
10	0.082	0.062B	1.98	0.122	0.340	0.127	0.093	0.079	0.085	0.093	0.065	0.068	10
11	0.088	0.059B	2.07	0.368	0.255	0.108	0.102	0.078	0.085	0.079	0.088	0.074	11
12	0.085	0.059B	1.98	0.170	0.510	0.164	0.086	0.074	0.082	0.079	0.065	0.074	12
13	0.085	0.059B	1.87	0.159	0.340	0.142	0.091	0.071	0.074	0.079	0.065	0.074	13
14	0.085	0.059B	1.78	0.340	0.368	0.105	0.085	0.071	0.074	0.079	0.071	0.074	14
15	0.085	0.062B	1.64	0.167	0.425	0.093	0.082	0.071	0.074	0.079	0.074	0.076	15
16	0.085	0.065B	1.59	0.130	0.623	0.074	0.078	0.085	0.079	0.085	0.076	0.074	16
17	0.085	0.065B	1.44	0.139	0.255	0.074	0.082	0.082	0.079	0.079	0.076	0.074	17
18	0.085	0.062B	1.53	0.235	0.238	0.076	0.078	0.085	0.076	0.079	0.076	0.071	18
19	0.088	0.059B	1.22	0.311	0.221	0.119	0.078	0.085	0.082	0.076	0.076	0.071	19
20	0.088	0.057B	1.10	0.184	0.210	0.113	0.082	0.065	0.088	0.074	0.074	0.071	20
21	0.082	0.059B	1.02	0.133	0.198	0.099	0.075	0.065	0.099	0.074	0.079	0.071	21
22	0.082	0.062B	1.22	0.116	0.244	0.091	0.074	0.068	0.085	0.076	0.079	0.071	22
23	0.082	0.068B	0.736	0.246	0.283	0.085	0.074	0.065	0.079	0.074	0.076	B.078	23
24	0.082	0.082	0.680	0.176	0.252	0.078	0.074	0.068	0.074	0.074	0.079	0.074	24
25	0.082	0.105	1.10	0.127	0.215	0.076	0.074	0.065	0.113	0.074	0.079	0.074	25
26	0.082	1.30	0.481	0.119	0.201	0.079	0.074	0.068	0.116	0.076	0.079	0.074	26
27	0.079	0.538	0.453	0.113	0.195	0.076	0.074	0.068	0.099	0.076	0.079	0.074	27
28	0.082	0.793	0.425	0.113	0.188	0.074	0.076	0.068	0.088	0.076	0.079	0.074	28
29	0.079		0.680	0.133	0.185	0.078	0.076	0.068	0.079	0.076	0.079	0.074	29
30	0.082		0.396	0.272	0.195	0.088	0.079	0.071	0.076	0.079	0.076	0.074	30
31	0.082		0.510		0.224		0.088	0.071		0.082		0.074	31
TOTAL	2.557	4.385	70.151	5.727	9.138	2.993	2.709	2.241	2.453	2.498	2.285	2.283	TOTAL
MEAN	0.082	0.157	2.26	0.191	0.295	0.100	0.087	0.072	0.082	0.080	0.076	0.074	MEAN
MAX	0.088	1.30	6.54	0.396	0.793	0.164	0.150	0.082	0.116	B.093	0.085	B.082	MAX
MIN	0.076	0.057	0.396	0.113	0.185	0.074	0.074	0.062	0.068	0.074	0.065	0.065	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.300
MAXIMUM DAILY, 6.54 ON MAR 4
MINIMUM DAILY, 0.0578 ON FEB 20
MAXIMUM INSTANTANEOUS,
6.908 AT 02:30 CST ON MAR 2

SUMMARY FOR THE YEAR 1986

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 58 N
LONG 105 24 32 W
DRAINAGE AREA, 1 400 km²

B - ICE CONDITIONS

REGULATED SINCE 1975

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	221	JUL	234
FEB	378	AUG	194
MAR	6 060	SEP	212
APR	495	OCT	215
MAY	789	NOV	197
JUN	259	DEC	197

TOTAL DISCHARGE, 9 450 dam³

EASTEND CANAL - STATION NO. 11AC052

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	1.47	0	0	0	0	0	---	---	1
2	---	---	0	0	1.76	1.41	0	0	0	0	---	---	2
3	---	---	0	0	1.91	2.28	0	0	0	0	---	---	3
4	---	---	0	0	1.94	2.44	0	0	0	0	---	---	4
5	---	---	0	0	0.922	2.42	0	0	0	0	---	---	5
6	---	---	0	0	0.778	2.41	0	0	0	0	---	---	6
7	---	---	0	0	0.230	2.41	0	0	0	0	---	---	7
8	---	---	0	0	0	2.38	0	0	0	0	---	---	8
9	---	---	0	0	0	2.40	0	0	0	0	---	---	9
10	---	---	0	0	0	2.40	0	0	0	0	---	---	10
11	---	---	0	0	0	2.40	0	0	0	0	---	---	11
12	---	---	0	0	0	2.40	0	0	0	0	---	---	12
13	---	---	0	0	0	2.33	0	0	0	0	---	---	13
14	---	---	0	0	0	2.26	1.25	0	0	0	---	---	14
15	---	---	0	0	0	2.02	1.95	0	0	0	---	---	15
16	---	---	0	0	0	1.37	2.10	0	0	0	---	---	16
17	---	---	0	0	0	0.899	2.13	0	0	0	---	---	17
18	---	---	0	0	0	0.442	2.08	0	0	0	---	---	18
19	---	---	0	0	0	0.143	2.05	0	0	0	---	---	19
20	---	---	0	0	0	0.584	2.02	0	0	0	---	---	20
21	---	---	0	0	0	0.381	2.01	0	0	0	---	---	21
22	---	0	0	0	0	0.327	2.03	0	0	0	---	---	22
23	---	0	0	0	0	0.258	1.82	0	0	0	---	---	23
24	---	0	0	0	0	0	1.42	0	0	0	---	---	24
25	---	0	0	0	0	0	0.819	0	0	0	---	---	25
26	---	0	0	0	0	0	0.488	0	0	0	---	---	26
27	---	0	0	0	0	0	0.433	0	0	0	---	---	27
28	---	0	0	0.829	0	0	0.343	0	0	0	---	---	28
29	---		0	1.34	0	0	0.003	0	0	0	---	---	29
30	---		0	1.41	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	3.579	9.011	36.454	23.056	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.119	0.291	1.22	0.744	0	0	0	---	---	MEAN
MAX	---	---	0	1.41	1.94	2.44	2.13	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.354
MAXIMUM DAILY, 2.44 ON JUN 4
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 21 N
LONG 108 50 54 W

REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 890
FEB	---	AUG	0
MAR	0	SEP	0
APR	388	OCT	0
MAY	778	NOV	---
JUN	3 150	DEC	---

TOTAL DISCHARGE, 6 230 dam³

EASTEND RESERVOIR - STATION NO. 11ACO55

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	916.720	918.235	918.410	918.474	917.274	916.273	915.987	915.504	915.495	---	1
2	---	---	917.153	918.217	918.357	918.485	917.346	916.284	915.987	915.498	915.498	---	2
3	---	---	917.392	918.198	918.302	918.380	917.411	916.294	915.987	915.494	915.510	---	3
4	---	915.477A	917.654	918.200	918.228	918.277	917.452	916.292	915.978	915.490	915.512	---	4
5	---	---	917.829	918.207	918.203	918.165	917.505	916.295	915.978	915.487	915.512A	---	5
6	---	---	917.775	918.210	918.207	918.051	917.530	916.311	915.989	915.484	---	---	6
7	---	---	917.781	918.229	918.231	917.952	917.581	916.315	915.998	915.481	---	---	7
8	---	---	917.853	918.277	918.273	917.845	917.585	916.312	916.018	915.481	---	---	8
9	---	---	918.059	918.328	918.330	917.734	917.609	916.304	916.046	915.482	---	---	9
10	---	---	918.106	918.370	918.397	917.621	917.648	916.295	916.102	915.482	---	---	10
11	---	---	918.132	918.365	918.470	917.499	917.677	916.289	916.155	915.482	---	---	11
12	---	---	918.091	918.357	918.513	917.342	917.696	916.281	916.195	915.480	---	---	12
13	---	---	918.086	918.365	918.386	917.195	917.723	916.277	916.230	915.478	---	---	13
14	---	---	918.040	918.385	918.328	917.040	917.718	916.281	916.280	915.478	---	---	14
15	---	---	918.047	918.356	918.239	916.892	917.617	916.275	916.328	915.478	---	---	15
16	---	---	918.071	918.353	918.210	916.769	917.493	916.267	916.382	915.491	---	---	16
17	---	---	918.082	918.357	918.224	916.595	917.390	916.254	916.428	915.499	---	---	17
18	---	---	918.064	918.347	918.257	916.687	917.287	916.245	916.476	915.502	---	---	18
19	---	---	918.038	918.340	918.308	916.712	917.156	916.224	916.548	915.503	---	---	19
20	---	915.228A	918.047	918.336	918.336	916.697	917.056	916.208	916.623	915.504	---	---	20
21	---	915.256	918.075A	918.361A	918.363	916.672	916.930	916.192	916.691	915.503	---	---	21
22	---	915.271	918.128A	918.377A	918.406	916.689	916.774	916.171	916.749	915.504	---	---	22
23	---	915.280	918.157A	918.422A	918.331	916.705	916.594	916.149	916.800	915.503	---	---	23
24	---	915.294	918.174A	918.461A	918.300	916.749	916.424	916.129	916.825	915.503	---	---	24
25	---	915.478	918.184	918.482	918.246	916.815	916.303	916.098	916.863	915.503	---	---	25
26	---	915.533	918.151	918.503	918.253	916.892	916.243	916.078	916.547	915.506	---	---	26
27	---	916.275A	918.124	918.522	918.278	916.977	916.215	916.063	915.898	915.505	---	---	27
28	---	916.582	918.068	918.531	918.328	917.057	916.188	916.056	915.861	915.503	---	---	28
29	---		918.101	918.493	918.383	917.128	916.220	916.043	915.583	915.498	---	---	29
30	---		918.185	918.451	918.430	917.208	916.245	916.024	915.511	915.499	---	---	30
31	---		918.241		918.455		916.259	916.002		915.498		---	31
MEAN	---	---	917.858	918.354	918.322	917.313	917.100	916.212	916.227	915.494	---	---	MEAN
MAX	---	---	918.241	918.531	918.513	918.474	917.723	916.315	916.863	915.506	---	---	MAX
MIN	---	---	916.720	918.198	918.203	916.672	916.188	916.002	915.511	915.478	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 918.531 ON APR 28

MAXIMUM INSTANTANEOUS,
918.561 AT 13:06 CST ON MAY 12

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 26 N
LONG 108 51 08 W

A - MANUAL GAUGE

REGULATED SINCE 1937

ECHO CREEK AT FORT QU'APPELLE - STATION NO. 05JK008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.005B	0	0.015	0	0	0	0	0	---	---	1
2	---	---	0.662B	0	0	0	0	0	0	0	---	---	2
3	---	---	4.64 B	0	0	0	0	0	0	0	---	---	3
4	---	---	3.36 B	0	0	0	0	0	0	0	---	---	4
5	---	---	3.20 B	0	0.209A	0	0	0	0	0	---	---	5
6	---	---	0.794B	0	1.42	0	0	0	0	0	---	---	6
7	---	---	0.892B	0	1.88	0	0	0	0	0	---	---	7
8	---	---	0.880B	0	1.22	0	0	0	0	0	---	---	8
9	---	---	0.426B	0	0.910	0	0	0	0	0	---	---	9
10	---	---	0.156B	0	1.25	0	0	0	0	0	---	---	10
11	---	---	0.054B	0	1.58	0	0	0	0	0	---	---	11
12	---	---	0.035B	0	1.11	0	0	0	0	0	---	---	12
13	---	---	0.025B	0	0.716	0	0	0	0	0	---	---	13
14	---	---	0.035B	0	0.483	0	0	0	0	0	---	---	14
15	---	---	0.088B	0	0.297	0	0	0	0	0	---	---	15
16	---	---	0.158B	0	0.132	0	0	0	0	0	---	---	16
17	---	---	0.371B	0	0.018	0	0	0	0	0	---	---	17
18	---	---	0.369B	0	0.002	0	0	0	0	0	---	---	18
19	---	---	0.542B	0	0	0	0	0	0	0	---	---	19
20	---	---	0.471B	0	0	0	0	0	0	0	---	---	20
21	---	---	0.668	0	0	0	0	0	0	0	---	---	21
22	---	---	0.605	0	0	0	0	0	0	0	---	---	22
23	---	---	0.498	0.682A	0	0	0	0	0	0	---	---	23
24	---	---	0.366	1.12	0	0	0	0	0	0	---	---	24
25	---	---	0.361B	0.979	0	0	0	0	0	0	---	---	25
26	---	---	0.197B	0.840	0	0	0	0	0	0	---	---	26
27	---	---	0.151	0.674	0	0	0	0	0	0	---	---	27
28	---	---	0.042	0.588	0	0	0	0	0	0	---	---	28
29	---		0.002A	0.429	0	0	0	0	0	0	---	---	29
30	---		0.003A	0.245	0	0	0	0	0	0	---	---	30
31	---		0.002A		0		0	0		0		---	31
TOTAL	---	---	18.836	5.557	11.252	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.640	0.185	0.383	0	0	0	0	0	---	---	MEAN
MAX	---	---	4.64	1.12	1.88	0	0	0	0	0	---	---	MAX
MIN	---	---	0.002	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.150
MAXIMUM DAILY, 4.648 ON MAR 3
MINIMUM DAILY, 0 ON APR 1
MAXIMUM INSTANTANEOUS,
6.598 AT 07:58 CST ON MAR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 38 N
LONG 103 47 50 W

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1 710	SEP	0
APR	480	OCT	0
MAY	972	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3 180 dam³

ECHO LAKE AT FISH HATCHERY - STATION NO. 05JK005

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	478.488	478.446	478.423	478.604	478.637	478.892	478.914	478.993E	478.867E	478.818	478.582	478.434	1
2	478.485	478.436	478.421	478.599	478.630	478.886	478.921	478.989E	478.864E	478.809	478.568	478.437	2
3	478.484	478.428	478.420	478.606	478.641	478.903	478.924	478.985E	478.861E	478.803	478.554	478.438	3
4	478.483	478.429	478.421	478.615	478.648	478.903	478.932	478.983E	478.858E	478.799	478.545	478.441	4
5	478.481	478.428	478.425	478.621	478.665	478.900	478.949	478.982E	478.854A	478.794	478.536	478.444	5
6	478.474	478.430	478.423	478.624	478.697	478.910	478.963	478.981E	478.851	478.792	478.526	478.447	6
7	478.476	478.430	478.428	478.627	478.710	478.919	478.957	478.977E	478.849	478.785	478.515	478.451	7
8	478.480	478.433	478.432	478.626	478.712	478.913	478.949	478.974E	478.842	478.768	478.[illegible]	478.453	8
9	478.469	478.435	478.433	478.623	478.718	478.919	478.948	478.972E	478.829	478.756	478.[illegible]2	478.456	9
10	478.465	478.439	478.434	478.624	478.747	478.925	478.949	478.966E	478.830	478.749	478.484	478.464	10
11	478.461	478.440	478.432	478.624	478.766	478.921	478.963	478.962E	478.837	478.739	478.472	478.470	11
12	478.454	478.443	478.431	478.619	478.791	478.934	478.981	478.959E	478.839	478.731	478.459	478.472	12
13	478.450	478.447	478.429	478.609	478.800	478.921	478.993	478.955E	478.836	478.723	478.452	478.480	13
14	478.448	478.447	478.428	478.616	478.808	478.909	479.009	478.951E	478.833	478.715	478.447	478.484	14
15	478.444	478.446	478.428	478.615	478.816	478.909	479.011	478.947E	478.829	478.712	478.439	478.488	15
16	478.441	478.449	478.429	478.608	478.832	478.910	479.012	478.943E	478.826	478.708	478.436	478.492	16
17	478.438	478.454	478.429	478.613	478.827	478.909	479.014	478.940E	478.834	478.700	478.430	478.497	17
18	478.438	478.452	478.431	478.621	478.827	478.910	479.027	478.936E	478.838	478.695	478.426	478.501	18
19	478.439	478.454	478.434	478.623	478.843	478.913	479.029	478.932E	478.834	478.692	478.432	478.503	19
20	478.437	478.455	478.440	478.618	478.851	478.915	479.024	478.928E	478.830	478.688	478.431	478.505	20
21	478.440	478.458	478.460	478.612	478.846	478.919	479.023	478.920E	478.843	478.685	478.429	478.508	21
22	478.444	478.456	478.482	478.612	478.835	478.924	479.017	478.913E	478.857	478.682	478.430	478.513	22
23	478.444	478.458	478.499	478.617	478.854	478.915	479.017	478.906E	478.854	478.668	478.430	478.514	23
24	478.451	478.456	478.515	478.622	478.871	478.905	479.020	478.899E	478.844	478.657	478.433	478.516	24
25	478.449	478.452	478.532	478.610	478.879	478.908	479.015	478.893E	478.816	478.649	478.431	478.517	25
26	478.447	478.438	478.547	478.598	478.885	478.910	479.013	478.889E	478.819	478.640	478.433	478.517	26
27	478.451	478.433	478.559	478.597	478.890	478.910	479.005	478.885E	478.835	478.633	478.432	478.519	27
28	478.452	478.426	478.569	478.609	478.899	478.911	479.007A	478.881E	478.836	478.625	478.429	478.518	28
29	478.449		478.578	478.621	478.902	478.906	479.005E	478.877E	478.835	478.614	478.431	478.516	29
30	478.447		478.589	478.632	478.898	478.906	479.001E	478.874E	478.825	478.605	478.434	478.515	30
31	478.448		478.596		478.893		478.997E	478.870E		478.598		478.512	31
MEAN	478.457	478.443	478.488	478.616	478.794	478.912	478.987	478.937	478.840	478.711	478.468	478.485	MEAN
MAX	478.488	478.458	478.596	478.632	478.902	478.934	479.029	478.993	478.867	478.818	478.582	478.519	MAX
MIN	478.437	478.426	478.420	478.597	478.630	478.882	478.914	478.870	478.816	478.598	478.426	478.434	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 478.578
MAXIMUM DAILY, 479.029 ON JUL 19
MINIMUM DAILY, 478.420 ON MAR 3
MAXIMUM INSTANTANEOUS,
479.035 AT 19.21 CST ON JUL 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 35 N
LONG 103 52 10 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

EKAPO CREEK NEAR MARIEVAL - STATION NO. 05JM010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.200B	1.07	0.148	0.097	0.017	0.033	0.002	0.003	---	---	1
2	---	---	0.800B	0.935	0.142	0.096	0.011	0.025	0.002	0.003	---	---	2
3	---	---	1.60 B	0.825	0.138	0.086	0.012	0.021	0.002	0.003	---	---	3
4	---	---	1.36 B	0.770	0.134	0.072	0.012	0.021	0.002	0.003	---	---	4
5	---	---	0.720B	0.700	0.170	0.081	0.015	0.017	0.002	0.003	---	---	5
6	---	---	0.717B	0.640	0.238	0.080	0.010	0.829	0.003	0.003	---	---	6
7	---	---	0.672B	0.568	0.311	0.083	0.009	0.596	0.003	0.003	---	---	7
8	---	---	0.592B	0.554	0.240	0.070	0.012	0.034	0.003	0.003	---	---	8
9	---	---	0.506B	0.448	0.298	0.078	0.013	0.013	0.003	0.003	---	---	9
10	---	---	0.387B	0.396	0.364	0.074	0.014	0.008	0.003	0.004	---	---	10
11	---	---	0.352B	0.352	0.412	0.044	0.014	0.006	0.003	0.004	---	---	11
12	---	---	0.345B	0.288A	0.467	0.030	0.013	0.020	0.003	0.003	---	---	12
13	---	---	0.386B	0.236E	0.476	0.024	0.015	0.014	0.003	0.004	---	---	13
14	---	---	0.716B	0.211E	0.450	0.039	0.017	0.008	0.002	0.004	---	---	14
15	---	---	1.41 B	0.239A	0.423	0.043	0.018	0.008	0.002	0.004	---	---	15
16	---	---	1.63 B	0.317	0.406	0.033	0.018	0.011	0.002	0.004	---	---	16
17	---	---	1.51 B	0.406	0.361	0.026	0.020	0.009	0.002	0.004	---	---	17
18	---	---	1.70 B	0.388	0.339	0.019	0.017	0.009	0.002	0.004	---	---	18
19	---	---	1.72 B	0.345	0.257	0.023	0.011	0.007	0.002	0.005	---	---	19
20	---	---	1.95 B	0.303	0.265	0.029	0.012	0.004	0.002	0.004	---	---	20
21	---	---	2.19 B	0.274	0.235	0.030	0.010	0.003	0.002	0.004	---	---	21
22	---	---	2.46 B	0.261	0.218	0.021	0.009	0.003	0.002	0.004	---	---	22
23	---	---	2.02 B	0.265	0.214	0.016	0.012	0.003	0.002	0.004	---	---	23
24	---	0.001B	2.01 B	0.234	0.209	0.012	0.014	0.004	0.002	0.005	---	---	24
25	---	0.001B	1.16 B	0.219	0.197	0.008	0.014	0.003	0.004	0.005	---	---	25
26	---	0.002B	0.931B	0.199	0.180	0.017	0.014	0.003	0.004	0.005	---	---	26
27	---	0.003B	1.79 B	0.186	0.155	0.018	0.017	0.002	0.003	0.005A	---	---	27
28	---	0.050B	1.63 B	0.182	0.131	0.015	0.017	0.002	0.003	0.005E	---	---	28
29	---		1.46 B	0.169	0.116	0.019	0.021	0.002	0.003	0.006E	---	---	29
30	---		1.37 B	0.156	0.127	0.017	0.033	0.002	0.003	0.006A	---	---	30
31	---		1.22		0.112		0.041	0.002		0.006E	---	---	31
TOTAL	---	---	37.515	12.140	8.886	1.289	0.482	1.722	0.076	0.126	---	---	TOTAL
MEAN	---	---	1.21	0.405	0.258	0.043	0.016	0.056	0.003	0.004	---	---	MEAN
MAX	---	---	2.46	1.07	0.476	0.097	0.041	0.829	0.004	0.006	---	---	MAX
MIN	---	---	0.200	0.156	0.112	0.008	0.009	0.002	0.002	0.003	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.250
MAXIMUM DAILY, 2.46B ON MAR 22
MINIMUM DAILY, 0.002 ON AUG 27
MAXIMUM INSTANTANEOUS,
3.27 AT 16.19 CST ON AUG 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 31 47 N
LONG 102 42 37 W
DRAINAGE AREA, 1 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	41.5
FEB	---	AUG	149
MAR	3 240	SEP	65.7
APR	1 050	OCT	10.9
MAY	692	NOV	---
JUN	111	DEC	---

TOTAL DISCHARGE, 5 300 dam³

ELBOW DIVERSION CANAL AT DROP STRUCTURE - STATION NO. 05JG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.368	1.368	1.45	1.50	9.28	11.1	5.12	4.16	4.01	1.63	1.55	1.538	1
2	1.368	1.368	1.45	1.54	9.25	7.72	5.12	3.20	4.04	1.64	1.55	1.538	2
3	1.368	1.368	1.43	1.52	9.28	4.79	5.13	3.22	4.03	1.64	1.56	1.538	3
4	1.358	1.368	1.40	1.52	9.28	4.78	5.10	3.24	4.04	1.65	1.55	1.538	4
5	1.358	1.368	1.40	1.54	9.40	4.84	5.11	3.26	4.05	1.65	1.54	1.538	5
6	1.358	1.368	1.398	1.55	9.30	4.85	5.09	3.27	4.05	1.64	1.54	1.528	6
7	1.358	1.368	1.388	1.55	9.27	4.90	5.09	3.27	4.05	1.65	1.53	1.518	7
8	1.358	1.368	1.38	1.55	9.29	4.91	5.08	3.28	4.06	1.64	1.53	1.518	8
9	1.358	1.368	1.36	1.55	9.33	4.95	5.07	3.29	4.05	1.64	1.52	1.508	9
10	1.358	1.368	1.38	1.56	9.33	4.98	5.06	3.30	4.07	1.62	1.528	1.508	10
11	1.358	1.368	1.37	1.56	9.37	5.02	5.02	3.30	4.09	1.61	1.528	1.498	11
12	1.358	1.368	1.36	1.56	7.53	5.02	5.01	3.24	4.07	1.60	1.528	1.498	12
13	1.358	1.368	1.37	1.55	4.81	5.04	5.00	3.20	4.08	1.60	1.528	1.488	13
14	1.358	1.368	1.38	1.56	4.80	5.04	4.98	3.20	4.06	1.60	1.528	1.488	14
15	1.368	1.368	1.41	1.55	4.81	5.08	4.97	3.15	4.05	1.60	1.528	1.478	15
16	1.358	1.368	1.41	1.54	4.82	4.97	4.98	3.13	4.05	1.60	1.528	1.478	16
17	1.358	1.368	1.40	1.56	4.80	4.85	5.00	3.10	4.05	1.60	1.528	1.468	17
18	1.358	1.368	1.41	1.57	4.82	4.88	5.00	3.10	4.04	1.59	1.378	1.468	18
19	1.358	1.368	1.41	1.56	4.83	4.92	5.02	3.50	4.03	1.59	1.538	1.458	19
20	1.358	1.368	1.42	1.57	4.82	4.93	5.03	3.92	4.05	1.59	1.538	1.458	20
21	1.358	1.368	1.44	1.57	4.78	4.93	5.04	3.95	4.08	1.59	1.538	1.448	21
22	1.358	1.368	1.44	1.57	4.84	4.95	5.03	3.93	2.87	1.58	1.538	1.438	22
23	1.368	1.368	1.45	1.57	6.62	4.97	5.03	3.92	1.61	1.60	1.538	1.438	23
24	1.368	1.378	1.43	1.56	8.06	5.00	5.02	3.94	1.57	1.59	1.538	1.428	24
25	1.368	1.398	1.45	2.41	8.08	5.03	5.05	3.96	1.62	1.58	1.539	1.428	25
26	1.368	1.418	1.47	3.23	8.10	5.05	5.05	3.95	1.61	1.58	1.538	1.378	26
27	1.368	1.448	1.48	3.23	9.86	5.08	5.11	3.96	1.61	1.58	1.538	1.358	27
28	1.368	1.46	1.48	4.45	10.8	5.09	5.06	3.97	1.61	1.57	1.538	1.348	28
29	1.368		1.51	5.68	11.0	5.10	5.10	3.95	1.50	1.55	1.538	1.388	29
30	1.368		1.52	7.61	11.0	5.12	5.11	3.97	1.61	1.56	1.538	1.388	30
31	1.368		1.51		11.0		5.12	4.00		1.56		1.388	31
TOTAL	41.97	38.34	44.15	63.85	242.44	157.90	155.71	109.85	100.83	49.72	45.76	45.23	TOTAL
MEAN	1.35	1.37	1.42	2.13	7.82	5.26	5.06	3.54	3.36	1.60	1.53	1.46	MEAN
MAX	1.36	1.45	1.52	7.61	11.0	11.1	5.13	4.16	4.09	1.65	1.56	1.53	MAX
MIN	1.35	1.36	1.36	1.50	4.78	4.78	4.97	3.10	1.57	1.55	1.37	1.34	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.00
MAXIMUM DAILY, 11.1 ON JUN 1
MINIMUM DAILY, 1.348 ON DEC 28
MAXIMUM INSTANTANEOUS,
11.3 AT 22:48 CST ON JUN 1

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 40 N
LONG 106 23 55 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 630	JUL	13 500
FEB	3 310	AUG	9 490
MAR	3 810	SEP	8 710
APR	5 520	OCT	4 300
MAY	20 900	NOV	3 950
JUN	13 600	DEC	3 910

TOTAL DISCHARGE, 94 600 dam^3

EMMA LAKE NEAR TWEEDSMUIR - STATION NO. 05GG008

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	515.606	515.486	515.481	515.410E	---	---	---	1
2	---	---	---	---	---	515.606E	515.483E	515.481E	515.409E	---	---	---	2
3	---	---	---	---	---	515.605E	515.480	515.480	515.407	---	---	---	3
4	---	---	---	---	---	515.605E	515.480E	515.484E	515.406E	---	---	---	4
5	---	---	---	---	---	515.604	515.480	515.488E	515.404	---	515.334	---	5
6	---	---	---	---	---	515.588E	515.476E	515.492	515.401E	---	---	---	6
7	---	---	---	---	---	515.572E	515.472E	515.487	515.397E	---	---	---	7
8	---	---	---	---	---	515.556	515.468	515.484	515.393E	---	---	---	8
9	---	---	---	---	---	515.559E	515.462E	515.475E	515.390E	---	---	---	9
10	---	---	---	---	---	515.561E	515.456	515.486	515.386	---	---	---	10
11	---	---	---	---	---	515.564	515.456E	515.486E	515.385E	---	---	---	11
12	---	---	---	---	---	515.560E	515.456	515.486E	515.384	---	---	---	12
13	---	---	---	---	---	515.556	515.456E	515.486	515.385E	---	---	---	13
14	---	---	---	---	---	515.556E	515.456E	515.463E	515.385E	---	---	---	14
15	---	---	---	---	515.629	515.556	515.456E	515.460	515.386	---	---	---	15
16	---	---	---	---	515.620E	515.548E	515.456	515.451E	515.383E	---	---	---	16
17	---	---	---	---	515.626	515.541E	515.466E	515.443	515.381E	---	---	---	17
18	---	---	---	---	515.621E	515.533E	515.476	515.438E	515.378E	---	---	---	18
19	---	---	---	---	515.616E	515.526E	515.476E	515.433E	515.376	---	---	---	19
20	---	---	---	---	515.612E	515.518	515.478	515.427	515.375E	---	---	---	20
21	---	---	---	---	515.607E	515.537E	515.477E	515.424E	515.375E	---	---	---	21
22	---	---	---	---	515.602	515.556	515.477E	515.420	515.375E	---	---	---	22
23	---	---	---	---	515.603E	515.556E	515.478	515.418E	515.374E	---	---	---	23
24	---	---	---	---	515.605E	515.556E	515.477E	515.415	515.374E	---	---	---	24
25	---	---	---	---	515.606	515.556	515.478	515.414E	515.374E	---	---	---	25
26	---	---	---	---	515.605E	515.557E	515.471E	515.412E	515.373	---	---	---	26
27	---	---	---	---	515.605E	515.558	515.466	515.411	515.374E	---	---	---	27
28	---	---	---	---	515.604	515.527E	515.475E	515.412E	515.374E	---	---	---	28
29	---		---	---	515.605E	515.498	515.485E	515.413	515.375	---	---	---	29
30	---		---	---	515.605E	515.491E	515.494	515.412E	515.375E	---	---	---	30
31	---		---		515.606E		515.488E	515.412		---		---	31
MEAN	---	---	---	---	---	515.557	515.472	515.448	515.385	---	---	---	MEAN
MAX	---	---	---	---	---	515.606	515.494	515.492	515.410	---	---	---	MAX
MIN	---	---	---	---	---	515.491	515.456	515.411	515.373	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 34 10 N
LONG 105 53 15 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ENGLISHMAN RIVER NEAR SPRUCE LAKE - STATION NO. 05EF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.056B	1.63 B	0.334	0.537	0.204	9.73	0.121	0.167	0.134B	---	1
2	---	---	0.056B	2.23 B	0.295	0.543	0.176	9.10	0.131	0.141	0.143B	---	2
3	---	---	0.056B	2.66 B	0.256	0.351	0.166	7.58	0.148	0.156	0.139B	---	3
4	---	---	0.056B	2.25 B	0.257	0.294	0.152	5.74	0.159	0.158	---	---	4
5	---	---	0.056B	2.82 B	0.264	0.248	0.136	4.15	0.161	0.154	---	---	5
6	---	---	0.056B	3.29	0.218	0.180	0.131	3.22	0.159	0.157	---	---	6
7	---	---	0.056B	2.85	0.195	0.153	0.149	2.52	0.161	0.163A	---	---	7
8	---	---	0.056B	2.51	0.197	0.119	0.156	2.00	0.128	0.156E	---	---	8
9	---	---	0.056B	2.58	0.181	0.102	0.143	1.66	0.126	0.148A	---	---	9
10	---	---	0.056B	2.32	0.178	0.078	0.120	1.40	0.118	0.143	---	---	10
11	---	---	0.056B	2.20 B	0.174	0.061	0.159	1.18	0.115	0.162	---	---	11
12	---	---	0.056B	2.05 B	0.163	0.059	0.422	0.984	0.100	0.215	---	---	12
13	---	---	0.056B	1.80 B	0.171	0.074	0.465	0.760	0.096	0.208	---	---	13
14	---	---	0.056B	1.59 E	0.205	0.062	0.519	0.671	0.087	0.185	---	---	14
15	---	---	0.056B	1.35 E	0.285	0.054	0.525	0.550	0.088	0.171	---	---	15
16	---	---	0.056B	1.13 A	0.416	0.050	0.465	0.470	0.084	0.158	---	---	16
17	---	---	0.056B	1.01	0.488	0.052	0.562	0.413	0.107	0.145	---	---	17
18	---	---	0.056B	0.923	0.558	0.111	0.651	0.361	0.123	0.131	---	---	18
19	---	---	0.056B	0.862	0.643	0.508	0.793	0.326	0.133	0.124	---	---	19
20	---	---	0.058B	0.782	0.900	0.768	0.725	0.292	0.113	0.128	---	---	20
21	---	---	0.060B	0.716	1.02	0.792	0.645	0.257	0.106	0.128	---	---	21
22	---	---	0.062B	0.723	1.15	0.712	0.582	0.229	0.102	0.122	---	---	22
23	---	---	0.068B	0.686	1.20	0.624	0.546	0.213	0.104	0.118	---	---	23
24	---	---	0.077B	0.579	1.17	0.497	0.487	0.200	0.117	0.115	---	---	24
25	---	---	0.090B	0.575	1.10	0.402	0.557	0.182	0.097	0.117	---	---	25
26	---	---	0.105B	0.557	0.984	0.357	0.743	0.193	0.109	0.112	---	---	26
27	---	---	0.140B	0.525	0.905	0.322	0.804	0.180	0.115	0.125B	---	---	27
28	---	---	0.190B	0.476	0.859	0.315	0.751	0.175	0.126	0.124B	---	---	28
29	---		0.250B	0.455	0.769	0.271	1.15	0.164	0.164	0.122B	---	---	29
30	---		0.400B	0.386	0.667	0.250	3.96	0.156	0.174	0.126B	---	---	30
31	---		0.601B		0.577		6.83	0.131		0.130B		---	31
TOTAL	---	---	3.365	44.537	16.990	8.946	23.974	55.187	3.682	4.510	---	---	TOTAL
MEAN	---	---	0.109	1.48	0.548	0.298	0.773	1.78	0.123	0.145	---	---	MEAN
MAX	---	---	0.601	3.29	1.20	0.792	6.83	9.73	0.174	0.215	---	---	MAX
MIN	---	---	0.056	0.386	0.163	0.050	0.120	0.131	0.087	0.112	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.658
MAXIMUM DAILY, 9.73 ON AUG 1
MINIMUM DAILY, 0.050 ON JUN 16
MAXIMUM INSTANTANEOUS,
10.5 AT 13:15 CST ON AUG 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 34 32 N
LONG 105 09 25 W
DRAINAGE AREA, 393 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 070
FEB	---	AUG	4 770
MAR	291	SEP	318
APR	3 850	OCT	390
MAY	1 470	NOV	---
JUN	773	DEC	---

TOTAL DISCHARGE, 13 500 dam³

ETOMAMI RIVER NEAR BERTWELL - STATION NO. 05LB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.206B	8.90B	8.15	2.23	0.487	1.75	0.078	0.533	0.396B	---	1
2	---	---	0.206B	16.8 B	7.51	2.04	0.503	1.52	0.098	0.462	0.489B	---	2
3	---	---	0.206B	16.3 B	7.06	1.90	0.687	1.61	0.248	0.470	0.406B	---	3
4	---	---	0.206B	23.5 B	6.63	1.70	0.713	1.71	0.220	0.405	0.370B	---	4
5	---	---	0.199B	27.6 B	6.63	1.68	1.06	2.19	0.223	0.306	0.419B	---	5
6	---	---	0.201B	41.3 B	6.12	1.89	1.30	2.11	0.182	0.250	---	---	6
7	---	---	0.208B	52.9	5.95	2.11	1.21	2.46	0.110	0.261	---	---	7
8	---	---	0.232B	57.1	6.46	2.05	1.14	2.46	0.073	0.249	---	---	8
9	---	---	0.222B	63.1	5.16	2.12	1.22	2.59	0.055	0.364	---	---	9
10	---	---	0.243B	57.8	6.13	2.21	1.20	2.84	0.037	0.580	---	---	10
11	---	---	0.244B	51.1	8.25	2.14	1.27	2.33	0.025	0.442	---	---	11
12	---	---	0.258B	35.1	9.71	2.08	1.27	2.01	0.061	0.439	---	---	12
13	---	---	0.269B	29.6	11.2	1.99	1.45	1.77	0.075	0.417	---	---	13
14	---	---	0.277B	26.1	11.2	1.95	1.59	1.75	0.074	0.488	---	---	14
15	---	---	0.286B	21.4	10.9	1.72	1.73	1.49	0.071	0.572	---	---	15
16	---	---	0.278B	19.7	12.7	1.55	1.72	1.23	0.136	0.475	---	---	16
17	---	---	0.277B	18.6	15.8	1.53	1.44	1.07	0.171	0.469	---	---	17
18	---	---	0.261B	17.4	13.6	1.43	1.36	0.816	0.168	0.517	---	---	18
19	---	---	0.243B	17.0	11.6	1.14	1.44	0.691	0.085	0.688	---	---	19
20	---	---	0.236B	16.1	10.3	0.981	1.44	0.577	0.064	0.705	---	---	20
21	---	---	0.265B	14.6	9.50	0.836	1.43	0.559	0.086	0.612	---	---	21
22	---	---	0.342B	13.5	8.50	0.747	1.50	0.541	0.110	0.483	---	---	22
23	---	---	0.359B	12.8	7.68	0.707	1.53	0.414	0.104	0.467	---	---	23
24	---	---	0.345B	12.5	8.96	0.674	1.31	0.429	0.078	0.631	---	---	24
25	---	---	0.357B	13.0	5.84	0.650	1.36	0.701	0.056	0.571	---	---	25
26	---	---	0.364B	11.9	4.85	0.589	1.35	0.623	0.299	0.574	---	---	26
27	---	---	0.429B	10.7	4.06	0.589	1.42	0.503	0.275	0.665	---	---	27
28	---	---	0.656B	9.62	3.59	0.579	1.70	0.386	0.218	0.569	---	---	28
29	---		0.918B	9.08	3.12	0.516	1.75	0.334	0.878	0.494	---	---	29
30	---		0.860B	8.67	2.71	0.495	1.73	0.282	0.611	0.451	---	---	30
31	---		1.75 B		2.41		1.80	0.135		0.412		---	31
TOTAL	---	---	11.545	733.78	239.80	42.833	41.110	39.681	4.974	15.032	---	---	TOTAL
MEAN	---	---	0.372	24.5	7.74	1.43	1.33	1.28	0.166	0.485	---	---	MEAN
MAX	---	---	1.75	63.1	15.8	2.23	1.80	2.84	0.878	0.706	---	---	MAX
MIN	---	---	0.199	8.67	2.41	0.495	0.487	0.135	0.025	0.249	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.61
MAXIMUM DAILY, 63.1 ON APR 9
MINIMUM DAILY, 0.025 ON SEP 11
MAXIMUM INSTANTANEOUS,
77.0 AT 15:10 CST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 35 32 N
LONG 102 33 54 W
DRAINAGE AREA, 2 050 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 550
FEB	---	AUG	3 430
MAR	887	SEP	430
APR	63 400	OCT	1 300
MAY	20 700	NOV	---
JUN	3 700	DEC	---

TOTAL DISCHARGE, 97 500 dam³

EYEHILL CREEK NEAR MACKLIN - STATION NO. 05CA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.053	0.132	0.030	0.078	0.073	0	0.002	0.015	---	1
2	---	---	0 B	0.047	0.125	0.029	0.073	0.065	0	0.001	0.016	---	2
3	---	---	0 B	0.046	0.120	0.031	0.068	0.060	0	0.001	0.017	---	3
4	---	---	0 B	0.046	0.110	0.031	0.064	0.051	0	0.001	0.018	---	4
5	---	---	0 B	0.047	0.100	0.028	0.059	0.048	0	0.001	0.020A	---	5
6	---	---	0 B	0.048	0.089	0.033	0.055	0.048	0	0.001	---	---	6
7	---	---	0 B	0.048	0.087	0.031	0.051	0.041	0	0.001	---	---	7
8	---	---	0 B	0.048	0.088	0.035	0.047	0.042	0	0.001	---	---	8
9	---	---	0.0158	0.049	0.080	0.032	0.045	0.042	0	0.001	---	---	9
10	---	---	0.0348	0.049	0.077	0.036	0.044	0.034	0	0.001	---	---	10
11	---	---	0.0658	0.049	0.081	0.035	0.044	0.027	0	0.005	---	---	11
12	---	---	0.1068	0.050	0.072	0.032	0.041	0.022	0	0.011	---	---	12
13	---	---	0.1818	0.050	0.068	0.027	0.045	0.013	0	0.015	---	---	13
14	---	---	0.2558	0.052	0.066	0.018	0.045	0.013	0	0.015	---	---	14
15	---	---	0.3418	0.054	0.060	0.013	0.050	0.014	0	0.015	---	---	15
16	---	---	0.4328	0.054	0.051	0.020	0.051	0.008	0	0.016	---	---	16
17	---	---	0.4698	0.052	0.046	0.019	0.062	0.005	0	0.016	---	---	17
18	---	---	0.4878	0.051	0.046	0.018	0.078	0.003	0	0.016	---	---	18
19	---	---	0.4288	0.050	0.045	0.037	0.082	0.001	0	0.016	---	---	19
20	---	---	0.2468	0.048	0.040	0.041	0.088	0.001	0	0.016	---	---	20
21	---	---	0.2508	0.045	0.037	0.049	0.108	0	0	0.017	---	---	21
22	---	---	0.1668	0.044	0.034	0.084	0.107	0	0	0.017	---	---	22
23	---	---	0.0698	0.042	0.033	0.071	0.103	0	0	0.017	---	---	23
24	---	---	0.0188	0.039	0.034	0.072	0.089	0	0	0.017	---	---	24
25	---	---	0.0138	0.038	0.035	0.073	0.097	0	0	0.017	---	---	25
26	---	---	0.0248	0.050	0.034	0.078	0.090	0	0.003	0.018	---	---	26
27	---	---	0.0408	0.057	0.034	0.088	0.089	0	0.001	0.018	---	---	27
28	---	---	0.0518	0.049	0.033	0.091	0.082	0	0.001	0.018	---	---	28
29	---		0.068	0.076	0.032	0.087	0.083	0	0	0.018	---	---	29
30	---		0.059	0.138	0.033	0.082	0.080	0	0.001	0.018	---	---	30
31	---		0.057		0.031		0.076	0		0.017		---	31
TOTAL	---	---	3.894	1.588	1.953	1.331	2.207	0.611	0.006	0.345	---	---	TOTAL
MEAN	---	---	0.126	0.052	0.063	0.044	0.071	0.020	0	0.011	---	---	MEAN
MAX	---	---	0.488	0.138	0.132	0.091	0.107	0.073	0.003	0.018	---	---	MAX
MIN	---	---	0	0.038	0.031	0.013	0.041	0	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.045
MAXIMUM DAILY, 0.4698 ON MAR 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.5388 AT 11.27 CST ON MAR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 19 08 N
LONG 105 55 41 W
DRAINAGE AREA, 10 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	191
FEB	---	AUG	52.6
MAR	336	SEP	0.52
APR	135	OCT	29.8
MAY	165	NOV	---
JUN	115	DEC	---

TOTAL DISCHARGE, 1 030 dam³

FAHLMAN CREEK NEAR DAVIN - STATION NO. 05JF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0508	0.001E	0.001A	0A	0	0	0	0	---	---	1
2	---	---	0.1008	0.001E	0.001	0	0	0	0	0	---	---	2
3	---	---	0.1508	0.001E	0.001	0	0	0	0	0	---	---	3
4	---	---	0.0708	0.001E	0.001	0	0	0	0	0.001	---	---	4
5	---	---	0.0508	0.001E	0.029	0	0	0	0	0.001	---	---	5
6	---	---	0.0028	0.001E	0.011	0	0	0	0	0.001	---	---	6
7	---	---	0.0018	0.001E	0.005	0	0	0	0	0.001	---	---	7
8	---	---	0.0028	0.001E	0.003	0	0	0	0	0.001	---	---	8
9	---	---	0.0028	0.001E	0.007	0	0	0	0	0.001	---	---	9
10	---	---	0.0028	0.001E	0.005	0	0	0	0	0.002	---	---	10
11	---	---	0.0028	0.001E	0.005	0	0	0	0	0.001	---	---	11
12	---	---	0.0028	0.001E	0.004	0	0.001	0	0	0	---	---	12
13	---	---	0.0028	0.001E	0.003	0	0.001	0	0	0.001	---	---	13
14	---	---	0.0088	0.001E	0.004	0	0	0	0	0.001	---	---	14
15	---	---	0.0268	0.001E	0.002	0	0	0	0	0.001	---	---	15
16	---	---	0.0218	0.001E	0.002	0	0	0	0	0.001	---	---	16
17	---	---	0.0588	0.001E	0.001	0	0	0	0	0	---	---	17
18	---	---	0.0408	0.001E	0.001	0	0	0	0	0.001	---	---	18
19	---	---	0.0528	0.001E	0.001	0	0	0	0	0.001	---	---	19
20	---	---	0.0788	0.001E	0.001	0	0	0	0	0.001	---	---	20
21	---	---	0.0938	0.001E	0	0	0	0	0.001	0	---	---	21
22	---	---	0.0568	0.001E	0	0	0	0	0	0	---	---	22
23	---	---	0.0108	0.001E	0.001	0	0	0	0	0	---	---	23
24	---	0 B	0.0058	0.001E	0.001	0	0	0	0	0.001	---	---	24
25	---	0.0018	0.008	0.001E	0	0	0	0	0.001	0	---	---	25
26	---	0.0028	0.004	0.001E	0	0	0	0	0.001	0	---	---	26
27	---	0.0018	0.006	0.001E	0	0	0	0	0	0	---	---	27
28	---	0.0108	0.007	0.001E	0	0	0.001	0	0	0	---	---	28
29	---		0.008	0.001E	0	0	0	0	0	0 A	---	---	29
30	---		0.005	0.001E	0	0	0	0	0	0 E	---	---	30
31	---		0.003A		0		0	0		B E		---	31
TOTAL	---	---	0.831	0.030	0.080	0	0.003	0	0.003	0.017	---	---	TOTAL
MEAN	---	---	0.030	0.001	0.003	0	0	0	0	0.001	---	---	MEAN
MAX	---	---	0.150	0.001	0.029	0	0.001	0	0.001	0.002	---	---	MAX
MIN	---	---	0.001	0.001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.004
MAXIMUM DAILY, 0.1508 ON MAR 3
MINIMUM DAILY, 0 ON MAY 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 22 10 N
LONG 104 11 30 W
DRAINAGE AREA, 15.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.26
FEB	---	AUG	0
MAR	80.4	SEP	0.26
APR	2.58	OCT	1.47
MAY	7.78	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 92.8 dam³

PIPE LAKE NEAR LISIEUX - STATION NO. 11AE016

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	800.618E	800.860E	800.960E	800.946E	800.958E	800.865E	800.772E	800.646E	800.685	800.697	---	1
2	---	800.618E	800.880	800.960E	800.948E	800.955	800.863E	800.768	800.645E	800.688E	800.698E	---	2
3	---	800.618E	800.895E	800.960E	800.945	800.954E	800.862E	800.765E	800.644	800.693E	800.698E	---	3
4	---	800.618	800.910	800.960E	800.948E	800.953E	800.860E	800.762E	800.639E	800.697	800.685	---	4
5	---	800.618E	800.918E	800.960	800.950E	800.952E	800.859	800.759E	800.633E	800.697E	800.698E	---	5
6	---	800.618E	800.922E	800.960E	800.960E	800.951E	800.856E	800.757E	800.628	800.697E	800.698E	---	6
7	---	800.618E	800.926E	800.960E	800.975E	800.950	800.856E	800.754E	800.627E	800.697E	800.698E	---	7
8	---	800.618E	800.934E	800.960E	800.990E	800.948E	800.857	800.751E	800.627E	800.697E	800.697	---	8
9	---	800.618E	800.940	800.960E	801.005	800.946E	800.855E	800.748	800.628E	800.697E	---	---	9
10	---	800.618E	800.943E	800.960E	801.020E	800.944E	800.853E	800.743E	800.635E	800.697E	---	---	10
11	---	800.618E	800.945E	800.960	801.010E	800.941E	800.851E	800.736E	800.624E	800.697E	---	---	11
12	---	800.618E	800.948E	800.959E	801.010E	800.939E	800.849	800.733E	800.624E	800.697	---	---	12
13	---	800.618E	800.950	800.957E	801.017E	800.937E	800.848E	800.728	800.623	800.697E	---	---	13
14	---	800.618E	800.954E	800.956E	801.016E	800.935E	800.846E	800.725E	800.622E	800.697E	---	---	14
15	---	800.618E	800.956	800.954E	801.015E	800.933E	800.845E	800.721E	800.621E	800.697E	---	---	15
16	---	800.618E	800.958E	800.953E	801.014E	800.931E	800.843E	800.718	800.620E	800.697E	---	---	16
17	---	800.618E	800.958E	800.951E	801.013E	800.929E	800.842E	800.712E	800.620E	800.697E	---	---	17
18	---	800.618E	800.958	800.950	801.012E	800.926E	800.840E	800.707E	800.619E	800.697	---	---	18
19	---	800.618E	800.958E	800.950E	801.011E	800.924E	800.839	800.701E	800.618E	800.697E	---	---	19
20	---	800.618E	800.959E	800.950E	801.010E	800.922E	800.836E	800.695E	800.617	800.697E	---	---	20
21	---	800.618E	800.959E	800.950E	801.009E	800.920	800.828E	800.689E	800.620E	800.697E	---	---	21
22	---	800.618E	800.959E	800.950E	801.008E	800.918E	800.823E	800.684E	800.623E	800.697E	---	---	22
23	---	800.618E	800.960E	800.950E	801.006E	800.900E	800.818E	800.678	800.626E	800.697E	---	---	23
24	---	800.618E	800.960	800.950E	801.005	800.889E	800.812E	800.674E	800.628E	800.697E	---	---	24
25	---	800.618E	800.960E	800.950E	800.989E	800.879E	800.807E	800.669E	800.631E	800.697	---	---	25
26	---	800.755	800.960E	800.950	800.982E	800.869E	800.802E	800.665E	800.634E	800.697E	---	---	26
27	---	800.786E	800.960E	800.949E	800.966E	800.860E	800.796E	800.661E	800.637	800.697E	---	---	27
28	---	800.840	800.960E	800.949E	800.979E	800.869	800.791E	800.657E	800.650E	800.697E	---	---	28
29	---		800.960	800.948E	800.973E	800.867E	800.786E	800.652E	800.662E	800.697E	---	---	29
30	---		800.960E	800.947E	800.966E	800.868E	800.780E	800.648	800.675E	800.697E	---	---	30
31	---		800.960E		800.960E		800.775E	800.647E		800.697E		---	31
MEAN	---	800.637	800.943	800.954	800.981	800.922	800.834	800.712	800.631	800.696	---	---	MEAN
MAX	---	800.840	800.960	800.960	801.020	800.958	800.865	800.772	800.675	800.697	---	---	MAX
MIN	---	800.618	800.860	800.947	800.945	800.868	800.775	800.647	800.617	800.655	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 801.020E ON MAY 10
MINIMUM DAILY, 800.617 ON SEP 20

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 14 22 N
LONG 105 50 55 W

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

FIR RIVER NEAR HUDSON BAY - STATION NO. 05LB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2380	0.0540	0.0410	7.010	4.37	2.23	0.977	1.90	0.412	2.86	0.7430	0.3300	1
2	0.1990	0.0540	0.2060	6.390	4.42	2.01	0.938	2.55	0.382	2.86	0.7370	0.3160	2
3	0.0870	0.0520	0.0660	4.860	4.78	1.50	0.902	2.62	0.414	2.77	0.8420	0.2720	3
4	0.1320	0.0590	0.1800	2.860	5.33	1.77	0.902	2.65	0.403	2.61	0.988	0.3650	4
5	0.1240	0.0770	0.0270	5.120	5.79	1.69	0.983	2.49	0.443	2.42	1.18	0.3230	5
6	0.0320	0.0170	0.1250	12.60	5.68	1.62	1.10	2.44	0.535	2.29	1.36	0.2020	6
7	0.1230	0.1610	0.0940	11.60	5.20	1.52	1.38	2.69	0.693	2.23	1.38	0.2450	7
8	0.1530	0.0620	0.0670	7.460	4.85	1.46	1.75	2.58	0.703	2.12	1.09 E	0.1780	8
9	0.0600	0.0130	0.0460	3.800	4.69	1.46	1.69	2.46	0.638	2.02	0.8270	0.1709	9
10	0.0630	0.1240	0.3180	4.70	5.08	1.53	1.59	2.26	0.580	1.85	0.5870	0.1690	10
11	0.1270	0.1540	0.0740	4.75	5.39	1.58	1.51	2.22	0.547	1.76	0.3750	0.2120	11
12	0.1680	0.2710	0.0230	3.56	6.15	1.75	1.35	2.08	0.519	1.70	0.3280	0.2790	12
13	0.2150	0.0680	0.0300	3.72	7.30	1.95	1.24	1.81	0.490	1.61	0.4510	0.2540	13
14	0.1080	0.2360	0.1550	3.59	6.84	2.47	1.24	1.59	0.479	1.54	0.5170	0.2690	14
15	0.1200	0.0550	0.1630	3.36	7.37	2.48	1.29	1.45	0.462	1.48	0.4808	0.1990	15
16	0.0760	0.1130	0.1430	2.80	9.46	2.30	1.06	1.37	0.436	1.43	0.5120	0.2400	16
17	0.0440	0.0600	0.1360	2.66	11.6	2.08	1.42	1.35	0.480	1.40	0.3848	0.2270	17
18	0.0760	0.0250	0.1530	2.20	10.2	1.94	2.03	1.64	0.474	1.35	0.2918	0.1628	18
19	0.0350	0.1070	0.1070	2.18	9.19	1.91	2.30	1.42	0.486	1.33	0.2148	0.1898	19
20	0.1060	0.0180	0.1760	2.40	7.81	1.90	2.55	1.20	0.452	1.26	0.1838	0.1098	20
21	0.0528	0.1030	0.1270	2.80	7.05	1.77	2.52	1.04	0.498	1.16	0.2788	0.1870	21
22	0.1240	0.2260	0.1520	3.58	6.29	1.80	2.27	0.903	0.554	1.13	0.4520	0.2148	22
23	0.1430	0.1380	0.1470	4.64	5.61	1.68	1.97	0.808	0.578	1.09	0.4398	0.1520	23
24	0.1508	0.1068	0.1430	5.55	5.08	1.55	1.77	0.740	0.585	1.03	0.3708	0.1858	24
25	0.1078	0.0518	0.0958	5.33	4.60	1.77	1.60	0.710	0.561	0.970	0.4038	0.1948	25
26	0.1448	0.0868	0.1778	5.26	3.87	1.70	1.55	0.812	0.861	0.941	0.3548	0.2068	26
27	0.0488	0.0108	0.1008	5.92	3.45	1.42	1.47	0.563	0.833	0.939	0.3238	0.1898	27
28	0.1278	0.0768	0.2128	5.95	3.14	1.28	1.38	0.547	1.05	0.904	0.3058	0.2668	28
29	0.0838		0.5138	5.11	2.87	1.12	1.21	0.512	2.22	0.871	0.2968	0.1718	29
30	0.1298		0.5928	4.52	2.64	1.05	1.17	0.527	3.01	0.762	0.2578	0.1818	30
31	0.0838		1.11 B		2.48		1.26	0.464		0.650		0.1838	31
TOTAL	3.490	2.688	5.804	148.80	176.67	52.38	46.382	48.276	22.099	49.467	17.089	6.842	TOTAL
MEAN	0.113	0.096	0.187	4.96	5.76	1.75	1.50	1.56	0.737	1.60	0.569	0.221	MEAN
MAX	0.238	0.271	1.11	12.6	11.6	2.48	2.55	2.62	3.01	2.86	1.36	0.365	MAX
MIN	0.032	0.010	0.023	2.18	2.48	1.05	0.902	0.464	0.393	0.650	0.163	0.109	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.59
MAXIMUM DAILY, 12.60 ON APR 6
MINIMUM DAILY, 0.0108 ON FEB 27
MAXIMUM INSTANTANEOUS,
15.00 AT 01:00 CST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 49 59 N
LONG 102 23 44 W
DRAINAGE AREA, 508 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	302	JUL	4 010
FEB	232	AUG	4 170
MAR	501	SEP	1 910
APR	12 900	OCT	4 270
MAY	15 400	NOV	1 470
JUN	4 530	DEC	591

TOTAL DISCHARGE, 50 300 dam³

FISHING LAKE NEAR WADENA - STATION NO. 05MB013

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	528.852	---	---	---	---	---	1
2	---	---	---	---	---	528.839	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	528.754	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	528.852	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	528.837	---	528.853	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	528.849	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	528.844	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	528.895	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	528.851	---	528.728	---	---	---	29
30	---		---	---	---	528.852	---	---	---	528.667	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 51 41 N
LONG 103 33 48 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

FLOWING WELL WEST INFLOW NEAR FLOWING WELL - STATION NO. 05JC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.701	0	0	0	0.001	0	0	0	0	---	1
2	---	0 B	0.374	0	0	0	0	0	0	0	0	---	2
3	---	0 B	0.261	0	0	0	0	0	0	0	0	---	3
4	---	0 B	0.166	0	0	0	0	0	0	0	0	---	4
5	---	0 B	0.131	0	0	0	0	0	0	0	0	---	5
6	---	0 B	0.095	0	0	0	0	0	0	0	0	---	6
7	---	0 B	0.039	0	0	0	0	0	0	0	---	---	7
8	---	0 B	0.039	0	0	0	0	0	0	0	---	---	8
9	---	0 B	0.035	0	0	0	0	0	0	0	---	---	9
10	---	0 B	0.038	0	0	0	0	0	0	0	---	---	10
11	---	0 B	0.036	0	0.003A	0	0	0	0	0	---	---	11
12	---	0 B	0.089	0	0.012	0	0	0	0	0	---	---	12
13	---	0 B	0.088	0	0.006	0	0	0	0	0	---	---	13
14	---	0 B	0.076	0	0.003	0	0	0	0	0	---	---	14
15	---	0 B	0.068	0	0.001	0	0	0	0	0	---	---	15
16	---	0 B	0.043	0	0	0	0	0	0	0	---	---	16
17	---	0 B	0.030	0	0	3.02 A	0	0	0	0	---	---	17
18	---	0 B	0.023	0	0	1.06	0	0	0	0	---	---	18
19	---	0 B	0.017	0	0	0.818	0	0	0	0	---	---	19
20	---	0 B	0.016	0	0	0.195	0	0	0	0	---	---	20
21	---	0 B	0.011	0	0	0.063	0	0	0	0	---	---	21
22	---	0 B	0.008	0	0	0.042	0	0	0	0	---	---	22
23	---	0 B	0.004	0	0	0.026	0.027	0	0	0	---	---	23
24	---	0 B	0.002	0	0	0.016	0.004	0	0	0	---	---	24
25	---	3.16 B	0	0	0	0.009	0	0	0	0	---	---	25
26	---	4.20	0	0	0	0.005	0	0	0	0	---	---	26
27	---	2.27	0	0	0	0.003	0.007	0	0	0	---	---	27
28	---	1.19	0	0	0	0.002	0.028	0	0	0	---	---	28
29	---		0	0	0	0.001	0.003	0	0	0	---	---	29
30	---		0	0	0	0.002	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	10.82	2.313	0	0.034	5.201	0.082	0	0	0	---	---	TOTAL
MEAN	---	0.386	0.075	0	0.001	0.173	0.002	0	0	0	---	---	MEAN
MAX	---	4.20	0.701	0	0.012	3.02	0.027	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.083
MAXIMUM DAILY, 4.20 ON FEB 26
MINIMUM DAILY, 0.0 ON FEB 1
MAXIMUM INSTANTANEOUS,
8.36 AT 13:57 CST ON JUN 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 04 N
LONG 103 55 45 W
DRAINAGE AREA, 87.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	5.35
FEB	935	AUG	0
MAR	200	SEP	0
APR	0	OCT	0
MAY	2.07	NOV	---
JUN	456	DEC	---

TOTAL DISCHARGE, 1 600 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

FOND DU LAC RIVER AT OUTLET OF BLACK LAKE - STATION NO. 07LE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	265	241	226	222	262	585	550A	520	477	481	390	318	1
2	265	241	225	223	286	591	553A	519	478	467	388	316	2
3	263	240	223	223	270	598	556A	517	483	455	386	315	3
4	261	238	224	223	275	603	564A	516	483	452	382	314	4
5	260	238	222	224	279	609	582E	513	482	451	380	313	5
6	260	238	221	224	283	619	558E	511	483	448	377	312	6
7	257	238	221	225	288	622	554E	510	488	443	373	312	7
8	256	238	221	226	296	624	550E	509	488	441	372	311	8
9	255	238	220	225	306	627	547A	504	490	440	368	309	9
10	254	238	220	227	317	623	548	502	491	438	367	308	10
11	254	238	220	227	329	622	547	499	490	436	364	307	11
12	253	235	220	228	342	623	545	496	488	434	361	307	12
13	252	235	220	230	354	626A	545	495	489	433	359	304	13
14	251	234	218	232	368	622E	545	494	491	428	354	304	14
15	249	233	220	234	381	619A	549A	492	491	428	351	302	15
16	249	233	219	234	394	618E	552A	487	490	427	347	302	16
17	248	233	218	235	408	615E	554A	486	491	425	344	301	17
18	247	232	218	239	421	613A	559A	484	489	422	341	300	18
19	247	232	219	242	434	611A	557A	484	489	420	340	299	19
20	245	231	219	244	446	605A	549E	485	489	421	337	300	20
21	245	231	219	244	459	597E	541A	484	487	418	334	297	21
22	245	230	221	245	471	587E	540	484	486	417	332	297	22
23	244	230	221	246	482	577E	537	483	485	414	331	296	23
24	243	229	221	245	495	572A	530	482	485	414	329	297	24
25	243	229	221	248	509	583A	531	481	483	413	327	297	25
26	243	228	221	248	521	577E	530	481	479	408	326	295	26
27	244	228	221	249	533	569E	530	480	473	406	322	294	27
28	243	228	222	251	545	561E	529	479	469	405	322	294	28
29	241		223	253	558	554A	527	480	467	401	321	293	29
30	242		223	258	566	554A	574	474	463	401	318	292	30
31	241		223		576		522	478		395		291	31
TOTAL	7 765	6 595	6 851	7 075	12 434	18 006	16 885	15 309	14 517	13 264	10 543	9 398	TOTAL
MEAN	250	234	221	238	401	600	545	494	484	428	351	303	MEAN
MAX	265	241	226	258	576	627	584	520	491	481	390	318	MAX
MIN	241	228	218	222	262	554	522	474	463	395	318	291	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 380
MAXIMUM DAILY, 627 ON JUN 9
MINIMUM DAILY, 218 ON MAR 17

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 08 50 N
LONG 105 32 20 W
DRAINAGE AREA, 49 200 km²
A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	671 000	JUL	1 460 000
FEB	586 000	AUG	1 320 000
MAR	592 000	SEP	1 250 000
APR	611 000	OCT	1 150 000
MAY	1 070 000	NOV	911 000
JUN	1 580 000	DEC	812 000

TOTAL DISCHARGE, 12 000 000 dam³

FOSTER RIVER ABOVE CHURCHILL RIVER - STATION NO. 09CE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.23	5.77	5.18	4.82	7.80E	56.1	28.1	65.2	27.9	17.6	13.4	10.8	1
2	6.24	5.81	5.15	4.80	8.08E	53.7	25.5	64.5	27.2	17.4	13.4	10.9	2
3	6.26	5.84	5.08	4.73	8.26E	51.6	25.3	64.1	26.6	17.1	13.2	10.7	3
4	6.24	5.80	5.14	4.78	8.44	49.2	25.8	63.3	26.4	17.0	13.2	10.6	4
5	6.20	5.76	4.97	4.86	8.64	47.2	27.1	62.1	25.7	16.7	13.2	10.6	5
6	6.11	5.68	4.94E	4.97	9.00	45.0	28.6	60.9	25.1	17.0	13.1	10.6	6
7	6.14	5.68	4.92E	5.02	9.25	43.0	30.3	59.3	24.6	17.4	13.1	10.7	7
8	6.20	5.51	4.90E	4.95	9.55	41.1	33.2	58.2	24.1	16.9	13.1	10.8	8
9	6.36	5.45	4.88E	5.15	10.2	39.9	36.9	57.6	23.6	16.7	12.9	10.8	9
10	6.35	5.45	4.86	5.13	11.4	38.1	40.8	55.2	23.4	16.6	12.7	10.7	10
11	6.37	5.43	4.85E	5.18	12.8	37.2	44.2	54.0	23.0	16.0	12.6	10.7	11
12	6.31	5.41	4.86	5.24	15.1	35.9	47.6	52.6	22.4	16.1	12.5	10.6	12
13	6.24	5.38	4.86	5.38	18.8	34.4	49.7	50.8	21.8	16.2	12.4	10.6	13
14	6.22	5.34	4.85	5.58E	23.7	33.2	51.1	49.0	21.5	16.1	12.3	10.5	14
15	6.20	5.30E	4.88	5.74E	30.3	32.7	52.3	46.8	21.3	15.8	12.2	10.6	15
16	6.14	5.24	4.91	5.92E	34.5	31.8	54.6	45.2	21.0	15.9	12.2	10.5	16
17	6.07	5.20	4.91	6.10E	38.0	31.7	57.7	43.3	21.0	15.8	11.9	10.5	17
18	6.01	5.27	4.95	6.13	42.0	31.6	62.5	41.3	20.7	15.9	11.8	10.5	18
19	6.01	5.18E	4.75	6.20	47.6	30.3	67.0	39.9	20.4	15.8	11.8	10.5	19
20	6.01	5.08	4.75	6.34E	53.3	28.8	70.1	38.4	20.1	15.5	11.7	10.4	20
21	5.91	5.13	4.84	6.48	58.3	28.8	73.3	37.3	19.9	15.6	11.7	10.4	21
22	5.86	5.13	4.75	6.45	62.7	29.1	74.4	35.9	19.8	15.3	11.6	10.4	22
23	5.83	5.11	4.71	6.63E	65.8	28.8	75.3	34.7	19.6	15.1	11.5	10.3	23
24	5.85	5.08	4.62	6.79	67.4	28.8	73.8	34.0	19.3	15.0	11.4	10.3	24
25	5.89	5.13	4.66	6.92	68.0	28.3	72.0	32.8	19.0	14.9	11.4	10.3	25
26	5.81	5.20	4.73	6.99	67.8	27.7	70.7	31.7	18.8	14.8	11.3	10.4	26
27	5.86	5.18	4.75	6.99	66.9	27.3	69.8	31.1	18.5	14.8	11.2	10.3	27
28	5.88	5.18	4.78E	7.37	65.9	27.0	70.3	30.3	18.2	14.4	11.2	10.4	28
29	5.86		4.80	7.54E	64.5	26.7	68.7	30.0	17.9	14.0	11.0	10.3	29
30	5.73		4.81E	7.72E	61.2	26.4	67.6	29.6	17.7	13.8	10.9	10.2	30
31	5.74		4.82E		58.8		66.2	28.8		13.7		10.2	31
TOTAL	188.13	150.60	150.75	176.85	1 114.12	1 071.6	1 838.5	1 428.1	655.3	490.7	385.9	326.4	TOTAL
MEAN	6.07	5.38	4.86	5.90	35.9	35.7	62.9	46.1	21.9	15.8	12.2	10.5	MEAN
MAX	6.37	5.84	5.18	7.72	68.0	56.1	75.3	65.2	27.9	17.6	13.4	10.9	MAX
MIN	5.73	5.08	4.62	4.73	7.80	26.4	25.3	28.8	17.7	13.7	10.9	10.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.3
MAXIMUM DAILY, 75.3 ON JUL 23
MINIMUM DAILY, 4.62 ON MAR 24
MAXIMUM INSTANTANEOUS,
75.6 AT 15:06 CST ON JUL 23

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 49 30 N
LONG 105 45 20 W
DRAINAGE AREA, 4 640 km²
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 300	JUL	142 000
FEB	13 000	AUG	123 000
MAR	13 000	SEP	68 700
APR	15 300	OCT	42 400
MAY	98 300	NOV	31 800
JUN	92 800	DEC	28 200

TOTAL DISCHARGE, 870 000 dam³

FRENCHMAN RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 11AC041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	10.8 B	2.68	0.742	3.01	0.395	0.487	0.002	0.325	0.278	---	1
2	---	---	20.9 B	2.58	0.726	1.56	0.304	0.448	0.001	3.35	0.244	---	2
3	---	---	26.5 B	1.93	0.734	1.07	0.250	0.347	0.001	5.80	0.228	---	3
4	---	---	32.4 B	1.35	0.704	1.22	0.180	0.338	0.001	1.77	0.206	---	4
5	---	---	36.1 B	1.07	2.82	1.31	0.177	0.278	0.001	0.881	0.198	---	5
6	---	---	39.7 B	0.966	7.80	1.33	0.123	0.234	0.001	0.476	0.232	---	6
7	---	---	41.8 B	0.922	4.18	1.45	0.105	0.193	0	0.371	1.10	---	7
8	---	---	49.5	0.873	1.87	1.48	0.102	0.142	0	0.325	1.09 B	---	8
9	---	---	54.1	1.20	7.20	1.47	0.105	0.117	0	0.264	0.6969	---	9
10	---	---	48.4	1.77	10.8	1.72	0.112	0.123	0	0.222	0.6038	---	10
11	---	---	38.8	1.65	11.0	1.57	0.207	0.114	0	0.167	0.5148	---	11
12	---	---	30.8	1.45	7.94	1.37	0.113	0.110	0	0.144	0.4378	---	12
13	---	---	25.5	1.50	5.58	1.23	0.126	0.108	0	0.073	0.3858	---	13
14	---	---	23.1	1.50	6.89	0.948	0.095	0.104	0	0.119	---	---	14
15	---	---	21.8	1.47	5.74	1.01	0.086	0.093	0.002	0.582	---	---	15
16	---	---	16.9	1.43	4.59	0.939	0.138	0.087	0.006	0.865	---	---	16
17	---	---	13.7	1.48	4.06	0.922	0.231	0.080	0.007	0.881	---	---	17
18	---	---	11.4	1.47	3.74	0.726	0.213	0.074	0.009	0.873	---	---	18
19	---	---	9.28	1.44	3.16	0.682	1.11	0.066	0.018	0.861	---	---	19
20	---	---	8.72	1.40	2.76	0.689	1.22	0.052	0.213	0.881	---	---	20
21	---	---	4.46	1.40	2.68	0.845	1.04	0.044	0.352	0.873	---	---	21
22	---	---	4.70	1.37	3.50	0.524	0.849	0.032	0.207	0.873	---	---	22
23	---	---	7.08	1.37	3.66	0.493	0.704	0.021	0.365	0.873	---	---	23
24	---	---	5.68	1.36	3.48	0.427	0.610	0.016	0.228	0.873	---	---	24
25	---	---	4.54	1.34	3.84	0.516	0.624	0.012	0.795	0.881	---	---	25
26	---	1.228	2.98	1.28	3.78	0.325	0.543	0.010	1.90	0.881	---	---	26
27	---	4.358	3.29	0.898	3.74	0.281	0.459	0.009	1.96	0.881	---	---	27
28	---	7.448	3.49	0.718	3.84	0.257	0.437	0.005	0.772	0.873	---	---	28
29	---		2.33	0.674	4.45	0.330	0.437	0.003	0.330	0.857	---	---	29
30	---		3.10	0.726	3.86	0.325	0.505	0.002	0.195	0.757	---	---	30
31	---		3.26		3.18		0.437	0.002		0.627	---	---	31
TOTAL	---	---	600.90	41.188	133.746	29.832	12.040	3.749	7.348	28.399	---	---	TOTAL
MEAN	---	---	19.4	1.37	4.31	0.994	0.388	0.121	0.245	0.916	---	---	MEAN
MAX	---	---	54.1	2.68	11.0	3.01	1.22	0.487	1.96	5.80	---	---	MAX
MIN	---	---	2.29	0.674	0.704	0.257	0.086	0.002	0	0.073	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.50
MAXIMUM DAILY, 54.1 ON MAR 9
MINIMUM DAILY, 0 ON SEP 7
MAXIMUM INSTANTANEOUS,
56.3 AT 23 59 CST ON MAR 9

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 00 N
LONG 107 18 05 W
DRAINAGE AREA, 5 490 km²

B - ICE CONDITIONS

REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 040
FEB	---	AUG	324
MAR	51 900	SEP	635
APR	3 560	OCT	2 450
MAY	11 500	NOV	---
JUN	2 580	DEC	---

TOTAL DISCHARGE, 74 100 dam³

FRENCHMAN RIVER BELOW EASTEND RESERVOIR - STATION NO. 11AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0208	33.2 B	2.38	0.100	0.140	0.091	0.142	0.123	0.909	0.919	---	1
2	---	0.0208	28.5	2.24	0.099	0.131	0.075	0.157	0.116	0.798	0.959	---	2
3	---	0.0208	19.4	1.70	0.098	0.137	0.055	0.154	0.131	0.718	1.12	---	3
4	---	0.0208	12.4	1.35	0.098	0.117	0.047	0.156	0.139	0.653	1.16	---	4
5	---	0.0208	11.9	1.39	0.106	0.112	0.047	0.163	0.156	0.596	1.18 A	---	5
6	---	0.0208	9.46	1.21	0.093	0.116	0.038	0.162	0.149	0.539	---	---	6
7	---	0.0208	3.00	0.869	0.090	0.106	0.033	0.163	0.156	0.518	---	---	7
8	---	0.0208	1.98	0.292	0.098	0.087	0.033	0.162	0.161	0.552	---	---	8
9	---	0.0208	3.38	0.291	0.110	0.075	0.040	0.152	0.182	0.544	---	---	9
10	---	0.0208	4.03	0.828	0.106	0.085	0.047	0.191	0.194	0.565	---	---	10
11	---	0.0208	4.68	1.28	1.43	0.058	0.047	0.184	0.188	0.579	---	---	11
12	---	0.0208	4.55	1.21	6.37	0.050	0.048	0.178	0.172	0.534	---	---	12
13	---	0.0208	3.72	1.20	6.42	0.049	0.052	0.193	0.182	0.489	---	---	13
14	---	0.0208	3.05	1.19	5.05	0.043	0.052	0.191	0.183	0.468	---	---	14
15	---	0.0209	2.86	1.20	4.10	0.051	0.047	0.187	0.181	0.474	---	---	15
16	---	0.0209	2.83	1.21	2.81	0.036	0.052	0.212	0.199	0.694	---	---	16
17	---	0.0208	2.58	1.19	2.41	0.027	0.057	0.209	0.210	0.752	---	---	17
18	---	0.0208	2.55	1.19	2.06	0.024	0.062	0.201	0.213	0.845	---	---	18
19	---	0.0208	1.88	1.18	1.71	0.022	0.051	0.168	0.254	0.803	---	---	19
20	---	0.0208	1.45	0.838	1.72	0.021	0.050	0.145	0.234	0.914	---	---	20
21	---	0.0208	1.34	0.407	0.793	0.021	0.046	0.140	0.232	0.909	---	---	21
22	---	0.0208	1.77	0.361	3.11	0.020	0.039	0.137	0.235	0.892	---	---	22
23	---	0.0208	2.36	0.319	4.81	0.041	0.040	0.159	0.277	0.909	---	---	23
24	---	0.0208	2.36	0.296	4.57	0.110	0.030	0.156	0.585	0.933	---	---	24
25	---	0.7468	2.35	0.316	3.46	0.085	0.028	0.157	2.72	0.913	---	---	25
26	---	6.95 B	2.34	0.378	1.70	0.077	0.028	0.140	10.0	0.948	---	---	26
27	---	31.4 B	2.32	0.363	1.25	0.080	0.024	0.129	8.02	0.986	---	---	27
28	---	40.9 B	2.29	0.127	0.998	0.086	0.022	0.123	2.65	0.960	---	---	28
29	---		1.66	0.103	0.170	0.102	0.042	0.128	1.54	0.949	---	---	29
30	---		1.21	0.101	0.161	0.098	0.141	0.136	1.02	0.968	---	---	30
31	---		1.80		0.150		0.140	0.142		0.994	---	---	31
TOTAL	---	80.486	178.90	26.809	55.251	2.195	1.580	5.027	28.732	23.348	---	---	TOTAL
MEAN	---	2.87	5.77	0.894	1.78	0.073	0.051	0.162	0.958	0.753	---	---	MEAN
MAX	---	40.9	33.2	2.38	6.42	0.140	0.141	0.212	10.0	0.994	---	---	MAX
MIN	---	0.020	1.21	0.101	0.090	0.020	0.022	0.123	0.116	0.468	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.47
MAXIMUM DAILY, 40.9B ON FEB 28
MINIMUM DAILY, 0.0208 ON FEB 1
MAXIMUM INSTANTANEOUS,
42.4B AT 20 45 CST ON FEB 27

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 54 N
LONG 108 50 16 W
DRAINAGE AREA, 1 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	137
FEB	6 950	AUG	434
MAR	15 500	SEP	2 480
APR	2 320	OCT	2 020
MAY	4 770	NOV	---
JUN	190	DEC	---

TOTAL DISCHARGE, 34 800 dam³

REMARKS - SIGNIFICANT RUNOFF INCLUDING THE PEAK DISCHARGE OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

FRENCHMAN RIVER BELOW NEWTON LAKE - STATION NO. 11AC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.416	1.28	0.532	0.329	0.137	0.094	0.062	0.042A	0.190E	---	1
2	---	---	0.555	0.704	0.376	0.242	0.134	0.094	0.062	0.042E	0.190E	---	2
3	---	---	28.8	0.641	0.233	0.219	0.132	0.077	0.066	0.042E	0.716E	---	3
4	---	---	52.3	0.645	0.233	0.203	0.130	0.084	0.061	0.042E	1.52 E	---	4
5	---	---	43.6	0.649	0.208	0.186	0.138	0.085	0.059	0.042E	1.52 A	---	5
6	---	---	26.9 A	0.712	0.904	0.178	0.130	0.088	0.058	0.042E	---	---	6
7	---	---	10.6 A	1.31	1.80	0.173	0.129	0.083	0.055	0.042E	---	---	7
8	---	---	11.2	1.34	1.90	0.167	0.128	0.085	0.055	0.042E	---	---	8
9	---	---	12.1	1.34	2.53	0.155	0.128	0.082	0.055	0.042E	---	---	9
10	---	---	12.1	1.35	3.83	0.153	0.127	0.076	0.056	0.625E	---	---	10
11	---	---	10.8	1.25	3.78	0.152	0.131	0.073	0.057	0.990E	---	---	11
12	---	---	7.65	1.25	3.78	0.142	0.130	0.074	0.053	0.990E	---	---	12
13	---	---	6.16	1.25	3.72	0.148	0.128	0.076	0.046	0.990E	---	---	13
14	---	---	6.15	1.25	3.69	0.153	0.124	0.080	0.047	0.990E	---	---	14
15	---	---	6.11	1.25	3.65	0.153	0.119	0.081	0.042	0.990E	---	---	15
16	---	---	5.07	1.25	3.80	0.152	0.117	0.084	0.042	0.990E	---	---	16
17	---	---	5.71	1.28	2.83	0.154	0.116	0.087	0.041	0.990E	---	---	17
18	---	---	4.33	1.28	2.45	0.167	0.111	0.088	0.045	0.990E	---	---	18
19	---	---	2.83	1.28	2.46	0.159	0.104	0.091	0.041	0.990E	---	---	19
20	---	---	2.82	1.24	2.47	0.155	0.100	0.087	0.040	0.990E	---	---	20
21	---	---	2.78	1.25	2.50	0.152	0.098	0.084	0.039	0.990E	---	---	21
22	---	---	2.84	1.28	3.25	0.148	0.097	0.082	0.037	0.990E	---	---	22
23	---	---	1.80	1.25	4.37	0.146	0.095	0.078	0.035	0.990E	---	---	23
24	---	---	0.654	1.24	4.37	0.145	0.094	0.075	0.035	0.990E	---	---	24
25	---	---	0.750	0.690	4.36	0.149	0.092	0.071	0.031	0.990E	---	---	25
26	---	0.103B	1.52	0.581	4.63	0.150	0.092	0.070	0.038	0.990E	---	---	26
27	---	0.200B	1.50	0.657	5.16	0.148	0.087	0.082	0.039	0.560E	---	---	27
28	---	0.301B	1.88	0.654	3.92	0.145	0.098	0.081	0.035	0.190E	---	---	28
29	---	---	2.14	0.641	2.96	0.144	0.096	0.082	0.030	0.190E	---	---	29
30	---	---	2.13	0.630	2.80	0.140	0.101	0.083	0.030	0.190E	---	---	30
31	---	---	2.11		0.217		0.100	0.083		0.190E	---	---	31
TOTAL	---	---	274.946	31.224	83.463	4.808	3.582	2.431	1.394	18.183	---	---	TOTAL
MEAN	---	---	8.87	1.04	2.69	0.164	0.115	0.078	0.046	0.586	---	---	MEAN
MAX	---	---	52.3	1.28	5.16	0.242	0.138	0.094	0.066	0.990	---	---	MAX
MIN	---	---	0.416	0.630	0.208	0.148	0.092	0.081	0.030	0.042	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.71
MAXIMUM DAILY, 52.3 ON MAR 4
MINIMUM DAILY, 0.030 ON SEP 29
MAXIMUM INSTANTANEOUS,
58.0 AT 15:31 CST ON MAR 4

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 07 N
LONG 107 48 20 W
DRAINAGE AREA, 3 450 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	307
FEB	---	AUG	210
MAR	23 800	SEP	120
APR	2 700	OCT	1 570
MAY	7 210	NOV	---
JUN	424	DEC	---

TOTAL DISCHARGE, 36 300 dam³

FROBISHER INDEX RESERVOIR - STATION NO. 05ND006

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	A/B	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	29.580E	29.817A	29.459	29.274	29.921	30.024	29.707	29.561	29.466	---	1
2	---	---	29.529E	29.814A	29.450	29.262	29.912	30.014	29.696	29.567	29.462	---	2
3	---	---	29.551A	29.815	29.444	29.251	29.900	30.006	29.688	29.571	29.439	---	3
4	---	---	29.585A	29.817	29.433	29.236	29.892	29.996	29.679	29.567	29.436A	---	4
5	---	---	29.574E	29.819	29.438	29.223	30.129	29.986	29.670	29.563	---	---	5
6	---	---	29.582A	29.819	29.481	29.225	30.071	29.976	29.661	29.557	---	---	6
7	---	---	29.583E	29.814	29.483	29.231	30.053	29.968	29.652	29.552	---	---	7
8	---	---	29.580E	29.804	29.476	29.219	30.041	29.960	29.644	29.550	---	---	8
9	---	---	29.578E	29.796	29.483	29.213	30.031	29.953	29.631	29.547	---	---	9
10	---	---	29.575E	29.789	29.485	29.206	30.020	29.940	29.625	29.543	---	---	10
11	---	---	29.572A	29.779	29.481	29.195	30.012	29.930	29.624	29.536	---	---	11
12	---	---	29.573E	29.769	29.476	29.180	30.030	29.921	29.619	29.532	---	---	12
13	---	---	29.573A	29.762	29.465	29.168	30.030	29.908	29.611	29.527	---	---	13
14	---	---	29.571A	29.760	29.452	29.153	30.031	29.895	29.603	29.524	---	---	14
15	---	---	29.572A	29.753	29.455	29.149	30.021	29.883	29.596	29.520	---	---	15
16	---	---	29.572E	29.749	29.446	29.151	30.013	29.873	29.590	29.516	---	---	16
17	---	---	29.573E	29.748	29.439	29.142	30.015	29.867	29.588	29.511	---	---	17
18	---	---	29.574E	29.745	29.432	29.131	30.016	29.857	29.582	29.506	---	---	18
19	---	---	29.574A	29.738	29.424	29.577	30.004	29.842	29.581	29.502	---	---	19
20	---	---	29.570E	29.730	29.416	30.088	29.992	29.829	29.584	29.496	---	---	20
21	---	---	29.565E	29.722	29.389	30.058	29.982	29.816	29.587	29.492	---	---	21
22	---	---	29.562E	29.716	29.365	30.038	29.972	29.808	29.585	29.485	---	---	22
23	---	---	29.557E	29.716	29.378	30.022	29.980	29.798	29.580	29.480	---	---	23
24	---	---	29.554E	29.709	29.369	30.008	29.965	29.790	29.573	29.475	---	---	24
25	---	28.088A	29.551E	29.698	29.361	29.995	29.970	29.777	29.569	29.470	---	---	25
26	---	28.467E	29.547E	29.691	29.352	29.982	30.080	29.769	29.573	29.467	---	---	26
27	---	28.147E	29.543A	29.686	29.338	29.967	30.062	29.759	29.578	29.463	---	---	27
28	---	28.460E	29.540A	29.681	29.329	29.953	30.110	29.753	29.576	29.458	---	---	28
29	---	---	29.534E	29.675	29.317	29.937	30.088	29.747	29.572	29.450	---	---	29
30	---	---	29.528E	29.668	29.304	29.926	30.045	29.736	29.587	29.447	---	---	30
31	---	---	29.520E		29.291		30.038	29.721		29.451	---	---	31
MEAN	---	---	29.559	29.583	29.418	29.585	30.012	29.874	29.613	29.513	---	---	MEAN
MAX	---	---	29.583	29.819	29.485	30.089	30.139	30.024	29.707	29.571	---	---	MAX
MIN	---	---	29.580	29.668	29.291	29.131	29.892	29.721	29.567	29.447	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 30.139 ON JUL 5

MAXIMUM INSTANTANEOUS,
30.220 AT 02:45 CST ON JUL 5

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 11 47 N
LONG 102 22 36 W

A - MANUAL GAUGE

E - ESTIMATED

GAFF DITCH NEAR MERRYFLAT - STATION NO. 11AB102

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.012B	0.290	0.365	0.402	0.032	0.003	0	0	---	---	1
2	---	---	0.007B	0.432	0.359	0.384	0.030	0.002	0	0	---	---	2
3	---	---	0.006B	0.416	0.347	0.403	0.025	0	0	0	---	---	3
4	---	---	0.006B	0.409	0.365	0.451	0.021	0	0	0	---	---	4
5	---	---	0.005B	0.409	0.344	0.447	0.018	0	0	0	---	---	5
6	---	---	0.004B	0.388	0.151	0.464	0.018	0.002	0	0	---	---	6
7	---	---	0.004B	0.414	0.125	0.493	0.018	0.001	0.001	0	---	---	7
8	---	---	0.003B	0.441	0.106	0.514	0.018	0.005	0.002	0	---	---	8
9	---	---	0.003B	0.437	0.367	0.525	0.020	0.002	0.002	0	---	---	9
10	---	---	0.002B	0.446	0.365	0.515	0.021	0	0	0	---	---	10
11	---	---	0.002B	0.463	0.276	0.476	0.019	0	0	0	---	---	11
12	---	---	0.001B	0.465B	0.040	0.445	0.020	0	0	0	---	---	12
13	---	---	0.001B	0.220B	0.033	0.418	0.021	0	0	0	---	---	13
14	---	---	0.001B	0.031	0.020	0.397	0.022	0	0	0	---	---	14
15	---	---	0.002B	0.025	0.016	0.415	0.022	0	0	0	---	---	15
16	---	---	0.002B	0.022	0.017	0.446	0.021	0	0	0	---	---	16
17	---	---	0.002B	0.015	0.017	0.439	0.026	0	0	0	---	---	17
18	---	---	0.003B	0.004	0.017	0.418	0.030	0	0	0	---	---	18
19	---	---	0.003	0.254	0.018	0.418	0.028	0	0	0	---	---	19
20	---	---	0.003	0.384	0.016	0.417	0.025	0	0	0	---	---	20
21	---	---	0.003	0.394	0.016	0.361	0.023	0	0	0	---	---	21
22	---	---	0.004	0.402	0.015	0.330	0.022	0	0	0	---	---	22
23	---	---	0.003	0.435	0.016	0.306	0.025	0	0	0	---	---	23
24	---	---	0.004	0.450	0.015	0.203	0.025	0	0	0	---	---	24
25	---	0 B	0.003	0.458	0.014	0.152	0.022	0	0	0	---	---	25
26	---	0.001B	0.004	0.444	0.014	0.043	0.016	0	0.004	0	---	---	26
27	---	0.001B	0.004	0.446	0.012	0.040	0.011	0	0.004	0	---	---	27
28	---	0.002B	0.003	0.437	0.012	0.032	0.007	0	0.002	0	---	---	28
29	---		0.003	0.416	0.129	0.034	0.004	0	0.001	0	---	---	29
30	---		0.004	0.391	0.191	0.040	0.002	0	0	0	---	---	30
31	---		0.003		0.316		0.002	0		0		---	31
TOTAL	---	---	0.110	10.248	4.114	10.428	0.617	0.015	0.016	0	---	---	TOTAL
MEAN	---	---	0.004	0.342	0.133	0.348	0.020	0	0.001	0	---	---	MEAN
MAX	---	---	0.012	0.465	0.367	0.525	0.032	0.005	0.004	0	---	---	MAX
MIN	---	---	0.001	0.004	0.012	0.032	0.002	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.104
MAXIMUM DAILY, 0.525 ON JUN 9
MINIMUM DAILY, 0 ON AUG 3

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 05 N
LONG 109 50 07 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	53.3
FEB	---	AUG	1.30
MAR	9.50	SEP	1.38
APR	885	OCT	0
MAY	355	NOV	---
JUN	901	DEC	---

TOTAL DISCHARGE, 2 210 dam³

GAINSBOROUGH CREEK NEAR STORTHOAKS - STATION NO. 05NF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.400B	1.90	0.375	0.021	0	0.007	0	0	---	---	1
2	---	0 B	0.750B	1.76	0.335	0.019	0	0.005	0	0	---	---	2
3	---	0 B	1.22 B	1.62	0.301	0.018	0	0.005	0	0	---	---	3
4	---	0 B	1.37 B	1.37	0.281	0.017	0	0.005	0	0	---	---	4
5	---	0 B	0.544B	1.15	0.317	0.015	0.007	0.004	0	0	---	---	5
6	---	0 B	0.174B	1.04	0.452	0.015	0.006	0.004	0	0	---	---	6
7	---	0 B	0.211B	0.918	0.658	0.015	0.005	0.003	0	0	---	---	7
8	---	0 B	0.164B	0.802	0.742	0.014	0.014	0.003	0	0	---	---	8
9	---	0 B	0.143B	0.755	3.27	0.013	0.015	0.003	0	0	---	---	9
10	---	0 B	0.587B	0.683	4.38	0.012	0.014	0.002	0	0	---	---	10
11	---	0 B	0.450B	0.652	3.99	0.012	0.012	0.002	0	0	---	---	11
12	---	0 B	1.17 B	0.603	3.55	0.010	0.012	0.002	0	0	---	---	12
13	---	0 B	1.08 B	0.566	3.13	0.009	0.011	0.002	0	0	---	---	13
14	---	0 B	0.895B	0.422B	2.37	0.007	0.010	0.001	0	0	---	---	14
15	---	0 B	0.863B	0.355B	1.94	0.007	0.009	0.001	0	0	---	---	15
16	---	0 B	1.10 B	0.356B	1.52	0.007	0.010	0	0	0	---	---	16
17	---	0 B	1.11 B	0.316	1.30	0.006	0.014	0	0	0	---	---	17
18	---	0 B	1.41 B	0.454	1.08	0.006	0.014	0	0	0	---	---	18
19	---	0 B	2.07 B	0.551	0.900	0.006	0.014	0	0	0	---	---	19
20	---	0 B	2.40 B	0.503	0.817	0.007	0.013	0	0	0	---	---	20
21	---	0 B	3.20 B	0.451	0.700	0.007	0.014	0	0	0	---	---	21
22	---	0 B	3.80 B	0.410	0.578	0.005	0.013	0	0	0	---	---	22
23	---	0 B	4.00 B	0.381	0.480	0.005	0.012	0	0	0	---	---	23
24	---	0 B	3.45 B	0.322	0.408	0.004	0.011	0	0	0	---	---	24
25	---	0 B	3.20 B	0.345	0.323	0.003	0.009	0	0	0	---	---	25
26	---	0 B	2.85 B	0.420	0.252	0.002	0.009	0	0	0	---	---	26
27	---	0.150B	2.60 B	0.356	0.200	0.002	0.012	0	0	0	---	---	27
28	---	0.250B	2.45 B	0.328	0.155	0.001	0.015	0	0	0	---	---	28
29	---		2.30 B	0.345	0.100	0	0.012	0	0	0	---	---	29
30	---		2.15 B	0.386	0.065	0	0.010	0	0	0	---	---	30
31	---		2.05		0.035		0.008	0		0		---	31
TOTAL	---	0.400	50.382	20.532	35.025	0.256	0.305	0.049	0	0	---	---	TOTAL
MEAN	---	0.014	1.63	0.684	1.13	0.009	0.010	0.002	0	0	---	---	MEAN
MAX	---	0.250	4.00	1.90	4.38	0.021	0.015	0.007	0	0	---	---	MAX
MIN	---	0	0.143	0.316	0.035	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.392
MAXIMUM DAILY, 4.38 ON MAY 10
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
4.70 AT 03:44 CST ON MAY 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 51 N
LONG 101 31 36 W
DRAINAGE AREA, 712 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	26.4
FEB	34.8	AUG	4.23
MAR	4 350	SEP	0
APR	1 770	OCT	0
MAY	3 030	NOV	---
JUN	23.0	DEC	---

TOTAL DISCHARGE, 9 240 dam³

REMARKS - SOME RUNOFF OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

GAP CREEK BELOW DOWNIE LAKE DIVERSION - STATION NO. 05HA069

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 B	0 B	0.009	0.003	0.027	0.012	0	0	0	0.329	0.043	---	1
2	0 B	0 B	0.006	0.002	0.018	0.003	0	0	0	0.314	0.041	---	2
3	0 B	0 B	0.036	0.003	0.015	0.003	0	0	0	0.343	0.094	---	3
4	0 B	0 B	0.086	0.002	0.017	0.002	0	0	0	0.291	0.181	---	4
5	0 B	0 B	0.005	0.002	0.093	0.001	0	0	0	0.223	0.195A	---	5
6	0 B	0 B	0.004	0.002	0.392	0.002	0	0	0	0.193	---	---	6
7	0 B	0 B	0.0048	0.002	0.327	0.003	0	0	0	0.159	---	---	7
8	0 B	0 B	0.0058	0.017	0.212	0.004	0	0	0	0.160	---	---	8
9	0 B	0 B	0.008	0.061	0.168	0.006	0	0	0	0.157	---	---	9
10	0 3008	0 B	0.007	0.043	0.048	0.002	0	0	0	0.177	---	---	10
11	0 8008	0 B	0.007	0.019	0.042	0.001	0	0	0	0.189	---	---	11
12	0 B	0 B	0.005	0.0098	0.044	0	0	0	0	0.186	---	---	12
13	0 B	0 B	0.004	0.0088	0.028	0	0	0	0	0.157	---	---	13
14	0 B	0 B	0.004	0.0098	0.022	0	0	0	0	0.131	---	---	14
15	0 B	0 B	0.005	0.009	0.041	0	0	0	0	0.117	---	---	15
16	0 B	0 B	0.004	0.008	0.036	0	0	0	0	0.106	---	---	16
17	0 B	0 B	0.004	0.006	0.027	0	0	0	0	0.101	---	---	17
18	0 B	0 B	0.004	0.006	0.023	0	0	0	0	0.096	---	---	18
19	0 B	0 B	0.004	0.008	0.019	0	0	0	0	0.078	---	---	19
20	0 B	0 B	0.005	0.013	0.019	0	0	0	0	0.079	---	---	20
21	0 B	0 B	0.004	0.012	0.014	0	0	0	0	0.073	---	---	21
22	0 B	0 B	0.003	0.009	0.039	0	0	0	0	0.072	---	---	22
23	0 B	0 B	0.003	0.008	0.025	0	0	0	0	0.069	---	---	23
24	0 B	0 0388	0.003	0.008	0.014	0	0	0	0	0.066	---	---	24
25	0 B	3.84	0.004	0.010	0.007	0	0	0	13.4	0.062	---	---	25
26	0 B	2.01	0.004	0.013	0.004	0	0	0	13.8	0.065	---	---	26
27	0 B	0 0238	0.003	0.009	0.003	0	0	0	2.47	0.065	---	---	27
28	0	0.012	0.003	0.055	0.002	0	0	0	1.23	0.065	---	---	28
29	0 B		0.003	0.046	0.002	0	0	0	0.769	0.063	---	---	29
30	0 B		0.003	0.026	0.061	0	0	0	0.486	0.069	---	---	30
31	0 B		0.004		0.035		0	0		0.058	---	---	31
TOTAL	1.100	5.923	0.143	0.429	1.824	0.039	0	0	32.165	4.313	---	---	TOTAL
MEAN	0.035	0.212	0.005	0.014	0.059	0.001	0	0	1.07	0.139	---	---	MEAN
MAX	0.800	3.84	0.009	0.061	0.392	0.012	0	0	13.8	0.343	---	---	MAX
MIN	0	0	0.003	0.002	0.002	0	0	0	0	0.058	---	---	MIN

SUMMARY FOR THE MONTHS JAN TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.151
MAXIMUM DAILY, 13.8 ON SEP 26
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
30.8 AT 17:00 CST ON SEP 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 13 N
LONG 109 38 15 W
DRAINAGE AREA, 235 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	95.0	JUL	0
FEB	512	AUG	0
MAR	12.4	SEP	2 780
APR	37.1	OCT	373
MAY	158	NOV	---
JUN	3.37	DEC	---

TOTAL DISCHARGE, 3 970 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED IN JAN AND FEB, OUTSIDE THE STANDARD PERIOD

GARDEN RIVER NEAR MENAIBOURG - STATION NO. 05GG010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.30 B	0.311	0.276	0	0	0	0	---	---	1
2	---	---	0 B	0.7038	0.257	0.230	0	0	0	0	---	---	2
3	---	---	0 B	0.4858	0.251	0.171	0	0	0	0	---	---	3
4	---	---	0 B	1.04 B	0.202	0.116	0	0	0	0	---	---	4
5	---	---	0 B	3.34 B	0.214	0.099	0	0	0	0	---	---	5
6	---	---	0 B	4.60 B	0.271	0.093	0	0	0	0	---	---	6
7	---	---	0 B	5.20 B	0.252	0.084	0	0	0	0	---	---	7
8	---	---	0 B	5.17 B	0.166	0.066	0	0	0	0	---	---	8
9	---	---	0 B	7.74 B	0.099	0.051	0	0	0	0	---	---	9
10	---	---	0 B	7.35	0.159	0.013	0	0	0	0	---	---	10
11	---	---	0 B	5.05	0.240	0	0	0	0	0	---	---	11
12	---	---	0 B	4.07	0.457	0	0	0	0	0	---	---	12
13	---	---	0 B	3.72	0.664	0	0	0	0	0	---	---	13
14	---	---	0 B	2.89	0.794	0	0	0	0	0	---	---	14
15	---	---	0 B	2.45	0.992	0	0	0	0	0	---	---	15
16	---	---	0.0038	2.32	1.29	0	0	0	0	0	---	---	16
17	---	---	0.0108	2.17	1.36	0	0	0	0	0	---	---	17
18	---	---	0.0278	1.94	1.44	0	0	0	0	0	---	---	18
19	---	---	0.0048	1.74	1.54	0	0	0	0	0	---	---	19
20	---	---	0.0028	1.49	1.57	0	0	0	0	0	---	---	20
21	---	---	0.0078	1.30	1.57	0	0	0	0	0	---	---	21
22	---	---	0.0198	1.16	1.46	0	0	0	0	0	---	---	22
23	---	---	0.0488	1.13	1.49	0	0	0	0	0	---	---	23
24	---	---	0.0048	1.06	1.45	0	0	0	0	0	---	---	24
25	---	---	0.0028	0.878	1.21	0	0	0	0	0	---	---	25
26	---	---	0.0018	0.628	1.02	0	0	0	0	0	---	---	26
27	---	---	0.0498	0.464	0.891	0	0	0	0	0	---	---	27
28	---	---	0.3808	0.362	0.742	0	0	0	0	0	---	---	28
29	---		0.8728	0.354	0.558	0	0	0	0	0	---	---	29
30	---		0.7898	0.412	0.398	0	0	0	0	0	---	---	30
31	---		1.04 B		0.325		0	0		0	---	---	31
TOTAL	---	---	3.257	73.617	23.848	1.199	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.105	2.45	0.763	0.040	0	0	0	0	---	---	MEAN
MAX	---	---	1.04	7.74	1.57	0.276	0	0	0	0	---	---	MAX
MIN	---	---	0	0.354	0.099	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.415
MAXIMUM DAILY, 7.74B ON APR 9
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.46B AT 05:23 CST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 23 38 N
LONG 105 36 38 W
DRAINAGE AREA, 803 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	281	SEP	0
APR	6 380	OCT	0
MAY	2 040	NOV	---
JUN	104	DEC	---

TOTAL DISCHARGE, 8 780 dam³

GEIKIE RIVER BELOW WHEELER RIVER - STATION NO. 06DA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.9B	25.1B	25.3B	25.0B	58.6	103	56.2	77.6	48.6	46.9	39.1	29.6B	1
2	25.8B	25.3B	25.7B	24.8B	58.7	102	54.8	76.4	48.5	46.6	38.5	29.8B	2
3	25.8B	25.6B	25.6B	24.6B	59.4	98.3	54.5	74.8	49.1	46.6	38.2	29.7B	3
4	25.8B	25.5B	25.2B	24.5B	61.0	95.8	56.0	73.7	49.3	46.2	38.7	29.9B	4
5	25.7B	25.2B	25.5B	24.8B	62.5	93.1	58.6	72.5	50.1	46.6	39.9	29.9B	5
6	25.1B	24.9B	25.2B	25.2B	64.9	91.5	63.5	70.8	50.6	46.0	40.1	29.8B	6
7	24.8B	24.4B	25.4B	26.3B	69.0	89.7	69.1	69.8	49.8	45.3	39.3	29.6B	7
8	24.6B	24.2B	25.8B	28.4B	74.6	86.6	72.9	68.1	49.4	45.1	38.3	29.6B	8
9	24.6B	24.1B	26.2B	30.1B	78.7	85.0	75.5	66.8	49.0	45.2	37.3	29.6B	9
10	24.7B	24.4B	26.4B	31.3B	85.4	83.3	76.4	66.1	48.3	44.2	36.2	29.5B	10
11	24.7B	24.3B	26.1B	32.0B	91.5	81.1	75.8	65.6	46.9	43.7	35.0	29.4B	11
12	24.7B	25.3B	25.7B	32.3B	98.2	79.2	75.4	64.5	46.8	44.0	33.8	29.4B	12
13	24.5B	25.5B	25.5B	31.2B	103	78.8	76.1	63.3	46.8	43.8	32.7	29.3B	13
14	24.5B	25.3B	25.4B	31.1B	104	77.5	75.8	62.5	46.5	44.0	32.1	29.4B	14
15	24.4B	25.0B	25.2B	32.0B	106	75.2	74.1	62.3	46.0	44.1	31.4	29.4B	15
16	24.4B	24.6B	25.2B	33.2B	107	74.3	74.0	60.6	45.7	43.7	31.2	29.4B	16
17	24.3B	24.6B	25.4B	34.6B	107	73.4	74.3	59.9	45.0	43.4	31.4	29.6B	17
18	24.2B	25.2B	25.1B	36.3B	108	71.8	74.0	59.8	44.8	43.2	31.4	29.6B	18
19	24.3B	25.6B	24.9B	37.8B	110	70.3	75.3	59.4	44.7	43.2	30.5	29.9B	19
20	24.8B	25.9B	24.8B	38.0	115	72.3	76.4	59.1	44.5	43.0	29.7	30.0B	20
21	24.9B	25.7B	24.8B	38.3	121	67.2	76.6	58.7	44.2	42.7	29.5	29.9B	21
22	24.6B	25.5B	25.6B	39.3	124	64.7	76.1	57.8	43.6	42.7	29.4	29.6B	22
23	24.6B	25.4B	25.7B	41.0	124	64.4	76.5	57.0	44.9	42.5	29.5B	29.6B	23
24	24.7B	25.8B	25.7B	42.9	123	64.0	77.3	56.1	45.2	42.4	29.6B	29.7B	24
25	24.6B	26.0B	25.6B	44.8	122	63.3	78.9	54.6	44.2	41.9	29.5B	29.5B	25
26	24.7B	26.8B	25.6B	47.2	118	61.8	80.1	53.6	43.1	42.4	29.4B	29.2B	26
27	25.2B	26.7B	25.8B	49.7	117	60.7	80.8	52.7	44.1	42.8	29.3B	29.3B	27
28	25.2B	26.7B	26.0B	52.7	113	59.8	80.6	52.0	45.7	43.1	29.3B	29.4B	28
29	25.3B		24.9B	57.0	108	58.9	80.2	51.4	46.8	42.8	29.3B	29.4B	29
30	25.1B		24.5B	58.4	106	57.2	79.2	51.2	47.0	41.7	29.5B	29.5B	30
31	25.1B		24.2B		105		78.5	49.5		40.8		29.4B	31
TOTAL	772.1	708.6	789.0	1 074.8	3 005.5	2 306.3	2 253.3	1 928.3	1 399.2	1 360.6	999.1	917.1	TOTAL
MEAN	24.9	25.3	25.5	35.8	97.0	76.9	72.7	62.2	46.6	43.9	33.3	29.6	MEAN
MAX	25.9	26.8	26.4	58.4	124	103	80.8	77.6	50.6	46.9	40.1	30.0	MAX
MIN	24.2	24.1	24.2	24.5	58.6	57.2	54.5	49.5	43.1	40.8	29.3	29.2	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.0
MAXIMUM DAILY, 124 ON MAY 22
MINIMUM DAILY, 24.1B ON FEB 9
MAXIMUM INSTANTANEOUS,
125 AT 14:31 CST ON MAY 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 35 20 N
LONG 104 12 10 W
DRAINAGE AREA, 7 730 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	66 700	JUL	195 000
FEB	61 200	AUG	167 000
MAR	68 200	SEP	121 000
APR	92 800	OCT	118 000
MAY	260 000	NOV	86 300
JUN	199 000	DEC	79 200

TOTAL DISCHARGE, 1 510 000 dam³

GIBSON CREEK NEAR RADVILLE - STATION NO. 05NA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	2.51 B	0	0	0	0	0	0	0	0	---	1
2	---	0 B	2.82 B	0	0	0	0	0	0	0	0	---	2
3	---	0 B	2.82 B	0	0	0	0	0	0	0	0	---	3
4	---	0 B	2.35 B	0	0	0	0	0	0	0	0	---	4
5	---	0 B	1.59 B	0	0	0	0	0	0	0	---	---	5
6	---	0 B	0.9368	0	0	0	0	0	0	0	---	---	6
7	---	0 B	0.7408	0	0	0	0	0	0	0	---	---	7
8	---	0 B	0.4068	0	0	0	0	0	0	0	---	---	8
9	---	0 B	0.3148	0	0	0	0	0	0	0	---	---	9
10	---	0 B	0.3078	0	0.106	0	0	0	0	0	---	---	10
11	---	0 B	0.4018	0	0.450	0	0	0	0	0	---	---	11
12	---	0 B	1.17 B	0	0.157	0	0	0	0	0	---	---	12
13	---	0 B	1.21 B	0	0.060	0	0	0	0	0	---	---	13
14	---	0 B	0.8048	0	0.027	0	0	0	0	0	---	---	14
15	---	0 B	0.6368	0	0.012	0	0	0	0	0	---	---	15
16	---	0 B	0.483	0	0.004	0	0	0	0	0	---	---	16
17	---	0 B	0.346	0	0	0	0	0	0	0	---	---	17
18	---	0 B	0.279	0	0	0	0	0	0	0	---	---	18
19	---	0 B	0.189	0	0	0	0	0	0	0	---	---	19
20	---	0 B	0.145	0	0	0	0	0	0	0	---	---	20
21	---	0 B	0.105	0	0	0	0	0	0	0	---	---	21
22	---	0 B	0.074	0	0	0	0	0	0	0	---	---	22
23	---	0 B	0.051	0	0	0	0	0	0	0	---	---	23
24	---	0 B	0.040	0	0	0	0	0	0	0	---	---	24
25	---	0.0208	0.029	0	0	0	0	0	0	0	---	---	25
26	---	0.2238	0.037	0	0	0	0	0	0	0	---	---	26
27	---	2.69 B	0.036	0	0	0	0	0	0	0	---	---	27
28	---	1.98 B	0.013	0	0	0	0	0	0	0	---	---	28
29	---		0.003	0	0	0	0	0	0	0	---	---	29
30	---		0.001	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	4.913	20.838	0	0.816	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.175	0.675	0	0.026	0	0	0	0	0	---	---	MEAN
MAX	---	2.69	2.82	0	0.450	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.098
MAXIMUM DAILY, 2.92B ON MAR 2
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
6.71B AT 13:57 CST ON FEB 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 02 N
LONG 104 20 11 W
DRAINAGE AREA, 528 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	424	AUG	0
MAR	1 810	SEP	0
APR	0	OCT	0
MAY	70.5	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 2 300 dam³

REMARKS - SIGNIFICANT RUNOFF INCLUDING THE PEAK DISCHARGE OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

GIRARD CREEK NEAR CORONACH - STATION NO. 11AE015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.145E	3.88	0.077	0.115	0.088	0.123	0.107	0.143	0.052	0.085	---	1
2	---	0.145E	3.37	0.121	0.126	0.089	0.121	0.109	0.022	0.058	0.085	---	2
3	---	0.145E	2.50	0.102	0.124	0.102	0.114	0.109	0.038	0.065	0.085A	---	3
4	---	0.145E	2.17	0.110	0.120	0.086	0.114	0.110	0.055	0.073	---	---	4
5	---	0.145E	1.80	0.109	0.155	0.094	0.128	0.108	0.068	0.089	---	---	5
6	---	0.145E	0.995	0.109	0.080	0.098	0.140	0.115	0.081	0.076	---	---	6
7	---	0.145A	0.677	0.104	0.037	0.104	0.113	0.099	0.066	0.071	---	---	7
8	---	0.144	0.508	0.101	0.072	0.108	0.097	0.086	0.050	0.077	---	---	8
9	---	0.140	0.539	0.101	0.101	0.115	0.095	0.114	0.043	0.067	---	---	9
10	---	0.140	0.537	0.107	0.157	0.095	0.097	0.102	0.049	0.068	---	---	10
11	---	0.136	0.689	0.109	0.145	0.095	0.101	0.105	0.065	0.089	---	---	11
12	---	0.136	0.620	0.121	0.283	0.087	0.079	0.101	0.088A	0.065	---	---	12
13	---	0.137	0.428	0.134	0.286	0.093	0.102	0.108	0.088E	0.065	---	---	13
14	---	0.142	0.440	0.136	0.238	0.104	0.098	0.074	0.088E	0.058	---	---	14
15	---	0.141	0.450	0.134	0.197	0.104	0.109	0.149	0.088E	0.196	---	---	15
16	---	0.140	0.299	0.133	0.176	0.105	0.105	0.048	0.088E	0.151	---	---	16
17	---	0.139	0.219	0.130	0.153	0.094	0.106	0.114	0.087E	0.082	---	---	17
18	---	0.131	0.169	0.131	0.134	0.097	0.101	0.092	0.087E	0.081	---	---	18
19	---	0.131	0.151	0.124	0.123	0.107	0.104	0.121	0.087E	0.068	---	---	19
20	---	0.134	0.145	0.118	0.120	0.113	0.101	0.145	0.087E	0.060	---	---	20
21	---	0.135	0.182	0.117	0.119	0.107	0.109	0.158	0.087E	0.069	---	---	21
22	---	0.142	0.161	0.122	0.122	0.111	0.107	0.175	0.086E	0.072	---	---	22
23	---	0.137	0.138	0.123	0.121	0.119	0.125	0.130	0.086E	0.072	---	---	23
24	---	0.133	0.125	0.128	0.123	0.121	0.112	0.140	0.086E	0.075	---	---	24
25	---	0.986	0.123	0.132	0.119	0.118	0.116	0.183	0.086E	0.077	---	---	25
26	---	11.3 B	0.130	0.123	0.109	0.108	0.104	0.048	0.086	0.079	---	---	26
27	---	10.6	0.122	0.122	0.111	0.102	0.102	0.061	0.083	0.081	---	---	27
28	---	7.26	0.114	0.114	0.095	0.093	0.102	0.042	0.076	0.083	---	---	28
29	---		0.090	0.102	0.092	0.108	0.098	0.062	0.080	0.085	---	---	29
30	---		0.086	0.103	0.089	0.105	0.098	0.044	0.054	0.085	---	---	30
31	---		0.093		0.087		0.101	0.058		0.085		---	31
TOTAL	---	33.908	21.959	3.498	4.138	3.093	3.323	3.215	2.240	2.414	---	---	TOTAL
MEAN	---	1.20	0.708	0.117	0.133	0.103	0.107	0.104	0.075	0.078	---	---	MEAN
MAX	---	11.3	3.88	0.136	0.286	0.121	0.140	0.183	0.143	0.196	---	---	MAX
MIN	---	0.131	0.080	0.077	0.037	0.087	0.079	0.042	0.022	0.052	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.283
MAXIMUM DAILY, 11.38 ON FEB 26
MINIMUM DAILY, 0.022 ON SEP 2
MAXIMUM INSTANTANEOUS,
18.58 AT 19:26 CST ON FEB 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 45 N
LONG 105 33 52 W
DRAINAGE AREA, 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	287
FEB	2 900	AUG	278
MAR	1 900	SEP	194
APR	302	OCT	209
MAY	358	NOV	---
JUN	267	DEC	---

TOTAL DISCHARGE, 6 700 dam³

REMARKS - SIGNIFICANT RUNOFF INCLUDING THE PEAK DISCHARGE OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

GOOD SPIRIT LAKE NEAR CANORA - STATION NO. 05MB010

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	485.138	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	484.982	484.881	---	---	---	2
3	---	---	---	---	---	---	---	---	---	484.830	---	---	3
4	---	---	---	---	---	---	485.033	484.982	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	485.118	485.057	---	---	---	---	---	8
9	---	---	---	---	---	485.126	---	---	484.841	484.826	---	---	9
10	---	---	---	---	---	---	---	484.958	---	---	---	---	10
11	---	---	---	---	---	---	485.065	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	484.818	---	---	12
13	---	---	---	---	485.205	---	---	484.956	484.843	---	---	---	13
14	---	---	---	---	485.218	485.098	---	---	---	---	---	---	14
15	---	---	---	---	---	---	485.083	---	---	---	---	---	15
16	---	---	---	---	---	485.085	---	---	---	484.819	---	---	16
17	---	---	---	---	---	---	---	484.942	---	---	---	---	17
18	---	---	---	---	---	---	---	---	484.820	484.811	---	---	18
19	---	---	---	---	485.208	---	---	---	---	---	---	---	19
20	---	---	---	---	---	485.080	---	---	---	---	---	---	20
21	---	---	---	---	---	---	485.033	484.911	---	484.811	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	485.183	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	484.807	---	---	24
25	---	---	---	---	485.177	485.063	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	484.898	484.830	---	---	---	26
27	---	---	---	---	485.173	---	485.004	---	---	484.788	---	---	27
28	---	---	---	---	---	---	---	484.887	---	---	---	---	28
29	---		---	---	485.184	---	485.004	---	---	484.802	---	---	29
30	---		---	---	---	485.053	---	---	484.838	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 30 08 N
LONG 102 39 22 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

GOOSEHUNTING CREEK NEAR BEATTY - STATION NO. 05KA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	B	6.30	0.030	0	0	0	0	0	0	---	1
2	---	---	0	B	4.85	0.024	0	0	0	0	0	0	---	2
3	---	---	0	B	3.38	0.019	0	0	0	0	0	0	---	3
4	---	---	0	B	3.20	0.014	0	0	0	0	0	0	---	4
5	---	---	0	B	2.85	0.010	0	0	0	0	0	0	---	5
6	---	---	0	B	2.79	0.005	0	0	0	0	0	---	---	6
7	---	---	0	B	2.05	0.003	0	0	0	0	0	---	---	7
8	---	---	0	B	1.73	0.001	0	0	0	0	0	---	---	8
9	---	---	0	B	2.18	0.001	0	0	0	0	0	---	---	9
10	---	---	0	B	1.68	0.001	0	0	0	0	0	---	---	10
11	---	---	0	B	1.18	0.005	0	0	0	0	0	---	---	11
12	---	---	0	B	0.854	0.015	0	0	0	0	0	---	---	12
13	---	---	0	B	0.697	0.016	0	0	0	0	0	---	---	13
14	---	---	0	B	0.574	0.021	0	0	0	0	0	---	---	14
15	---	---	0	B	0.548	0.083	0	0	0	0	0	---	---	15
16	---	---	0	B	0.504	0.348	0	0	0	0	0	---	---	16
17	---	---	0	B	0.427	0.508	0	0	0	0	0	---	---	17
18	---	---	0	B	0.377	0.468	0	0	0	0	0	---	---	18
19	---	---	0	B	0.335	0.391	0	0	0	0	0	---	---	19
20	---	---	0	B	0.336	0.345	0	0	0	0	0	---	---	20
21	---	---	0	B	0.288	0.313	0	0	0	0	0	---	---	21
22	---	---	0	B	0.232	0.265	0	0	0	0	0	---	---	22
23	---	---	0	B	0.191	0.213	0	0	0	0	0	---	---	23
24	---	---	0	B	0.166	0.168	0	0	0	0	0	---	---	24
25	---	---	0	B	0.137	0.128	0	0	0	0	0	---	---	25
26	---	---	0	B	0.098	0.087	0	0	0	0	0	---	---	26
27	---	---	0	B	0.087	0.059	0	0	0	0	0	---	---	27
28	---	---	0	B	0.052	0.040	0	0	0	0	0	---	---	28
29	---		0	B	0.043	0.023	0	0	0	0	0	---	---	29
30	---		0.0548		0.036	0.011	0	0	0	0	0	---	---	30
31	---		3.71	B		0.002		0	0		0	---	---	31
TOTAL	---	---	3.764		37.890	3.617	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.121		1.26	0.117	0	0	0	0	0	---	---	MEAN
MAX	---	---	3.71		6.30	0.508	0	0	0	0	0	---	---	MAX
MIN	---	---	0		0.036	0.001	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.185
MAXIMUM DAILY, 6.30 ON APR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
6.52 AT 10:33 CST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 54 28 N
LONG 104 50 18 W
DRAINAGE AREA, 510 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	325	SEP	0
APR	3 270	OCT	0
MAY	313	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3 910 dam³

GREASE RIVER BELOW FONTAINE LAKE - STATION NO. 07LE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.1	15.8	14.8	14.4	13.7	38.7	47.8	48.3	47.4	38.4	30.7	27.7	1
2	16.0	15.8	14.8	14.4	13.7	41.0	47.0	48.2	48.0	37.8	30.4	27.5	2
3	16.1	15.8	14.7	14.4	13.8	41.6	47.3	48.1	48.5	36.9	29.8	27.2	3
4	16.1	15.8	14.6	14.4	13.8	41.5	48.6	47.7	48.4	36.8	29.8	27.1	4
5	16.2	15.6	14.8	14.4	13.9	42.4	48.5	47.7	47.9	36.4	30.0	27.1	5
6	16.1	15.8	14.9	14.5	14.1	43.8	48.7	47.5	47.7	36.4	29.7	27.0	6
7	16.0	15.8	14.7	14.4	14.1	44.8	48.4	47.7	47.7	35.9	29.5	26.8	7
8	15.9	15.8B	14.6	14.3	14.6	45.3	48.5	47.1	46.8	35.1	29.3	26.9	8
9	15.8	15.7	14.6	14.3	16.2	45.4	48.1	46.2	46.4	34.9	29.1	26.8	9
10	15.7	15.7	14.6	14.2	17.6	45.5	47.9	45.4	46.9	35.2	29.1	26.8	10
11	15.8	15.8	14.4	14.1	18.3	46.1	47.7	45.0	45.4	34.4	28.8	26.8	11
12	15.9	15.8	14.4	14.1	19.1	46.4	47.8	44.8	44.9	34.3	28.8	26.8	12
13	15.8	15.8	14.4	14.0	20.1	46.6	48.4	44.9	44.5	34.1	28.7	26.8	13
14	15.7	15.8	14.4	13.9	21.0	47.2	48.7	45.1	44.2	33.8	28.5	26.8	14
15	15.7	15.8	14.3	13.9	21.7	47.0	48.8	46.0	43.7	33.8	28.4	26.5	15
16	15.7	15.8B	14.3	14.0	22.3	46.5	48.2	46.1	43.4	33.5	28.3	26.3	16
17	15.7	15.8B	14.3	14.0	22.9	46.5	47.6	45.8	43.4	33.2	28.2	26.2	17
18	15.7	15.8B	14.2	14.1	23.8	46.3	48.3	45.3	42.9	33.3	28.3	26.3	18
19	15.7	15.8B	14.1	14.1	25.2	45.9	49.0	46.8	42.7	33.1	28.0	26.1	19
20	15.8	15.8B	14.2	14.0	26.6	45.8	48.8	47.7	42.5	32.8	28.0	26.0	20
21	15.9	15.8B	14.3	14.1	27.8	46.9	48.8	47.8	42.1	32.8	28.1	26.0	21
22	15.8	15.8B	14.5	14.1	28.9	47.3	48.1	47.8	41.8	32.7	28.0	26.0	22
23	15.9	15.8B	14.4	14.1	29.8	46.9	48.1	47.8	41.6	32.8	27.9	26.0	23
24	15.8	15.8B	14.3	14.0	30.8	47.4	48.7	48.6	40.7	32.4	28.1	26.1	24
25	15.8	15.8B	14.4	14.0	32.0	47.6	48.8	48.7	40.1	32.0	28.0	26.0	25
26	15.8	15.4	14.3	14.0	33.1	47.7	49.0	48.5	39.4	32.0	27.8	26.1	26
27	16.1	15.1	14.4	14.0	34.3	48.4	48.8	48.2	38.8	32.3	27.8	26.1	27
28	16.0	15.0	14.4	14.1	35.1	48.3	48.7	48.5	38.6	32.1	27.7	26.0	28
29	16.0		14.4	14.0	35.7	48.3	48.5	48.5	38.7	31.6	27.7	25.9	29
30	16.0B		14.4	13.8	36.5	48.1	48.5	49.0	38.8	31.6	27.7	25.9	30
31	15.9		14.3		38.4		48.8	48.5		31.1		25.7	31
TOTAL	492.6	437.2	448.4	424.1	728.9	1 372.8	1 496.7	1 483.0	1 313.0	1 052.6	850.3	820.9	TOTAL
MEAN	15.9	15.8	14.5	14.1	23.5	45.8	48.3	47.2	43.8	34.0	28.7	26.5	MEAN
MAX	16.2	15.8	14.9	14.5	38.4	48.4	49.0	49.0	48.5	38.4	30.7	27.7	MAX
MIN	15.7	15.0	14.1	13.8	13.7	39.7	47.0	46.8	38.6	31.1	27.7	25.7	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 29.8
MAXIMUM DAILY, 49.0 ON JUL 19
MINIMUM DAILY, 13.7 ON MAY 1
MAXIMUM INSTANTANEOUS,
49.5 AT 18:33 CST ON JUL 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 32 50 N
LONG 108 24 40 W
DRAINAGE AREA, 4 840 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	42 600	JUL	129 000
FEB	37 800	AUG	126 000
MAR	38 700	SEP	113 000
APR	35 600	OCT	90 800
MAY	63 000	NOV	74 300
JUN	118 000	DEC	70 900

TOTAL DISCHARGE, 942 000 dam³

GREENLEIGH RESERVOIR NEAR BICKLEIGH - STATION NO. 05HF016

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	643.679	643.941	643.858	643.867	643.703	643.578	643.402	643.402	643.342	---	1
2	---	---	643.678	643.936	643.856	643.866	643.699	643.572	643.396	643.411	643.341	---	2
3	---	---	643.664	643.935	643.854	643.856	643.690	643.566	643.390	643.409	643.344	---	3
4	---	---	643.667	643.935	643.855	643.846	643.682	643.559	643.380	643.410	643.347	---	4
5	---	---	643.667	643.935	643.857	643.851	643.674	643.552	643.375	643.410	643.346	---	5
6	---	---	643.665	643.935	643.855	643.848	643.669	643.551	643.371	643.410	643.343A	---	6
7	---	---	643.662	643.932	643.854	643.843	643.664	643.543	643.364	643.406	---	---	7
8	---	---	643.659	643.930	643.851	643.839	643.659	643.536	643.359	643.403	---	---	8
9	---	---	643.655	643.930	643.857	643.837	643.653	643.531	643.355	643.402	---	---	9
10	---	---	643.654	643.926	643.867	643.830	643.651	643.527	643.361	643.397	---	---	10
11	---	---	643.647	643.921	643.877	643.820	643.654	643.522	643.347	643.393	---	---	11
12	---	---	643.642	643.916	643.886	643.805	643.658	643.518	643.341	643.391	---	---	12
13	---	---	643.643	643.913	643.883	643.796	643.652	643.519	643.338	643.389	---	---	13
14	---	---	643.661	643.911	643.877	643.789	643.645	643.517	643.339	643.387	---	---	14
15	---	---	643.686	643.910	643.872	643.788	643.642	643.515	643.349	643.385	---	---	15
16	---	---	643.706	643.908	643.870	643.788	643.637	643.507	643.352	643.383	---	---	16
17	---	---	643.715	643.908	643.869	643.785	643.643	643.501	643.383	643.382	---	---	17
18	---	---	643.724	643.904	643.867	643.779	643.635	643.494	643.350	643.379	---	---	18
19	---	---	643.744	643.900	643.866	643.771	643.631	643.488	643.351	643.376	---	---	19
20	---	---	643.767	643.898	643.864	643.759	643.627	643.484	643.353	643.375	---	---	20
21	---	---	643.815	643.897	643.886	643.749	643.622	643.477	643.364	643.374	---	---	21
22	---	---	643.857	643.894	643.910	643.740	643.616	643.471	643.368	643.371	---	---	22
23	---	---	643.866	643.892	643.920	643.734	643.612	643.484	643.366	643.367	---	---	23
24	---	---	643.872	643.888	643.919	643.726	643.609	643.456	643.364	643.366	---	---	24
25	---	---	643.873	643.885	643.917	643.723	643.604	643.450	643.369	643.363	---	---	25
26	---	---	643.876	643.882	643.914	643.716	643.599	643.444	643.391	643.361	---	---	26
27	---	---	643.894	643.878	643.906	643.707	643.599	643.438	643.393	643.359	---	---	27
28	---	643.700	643.917	643.874	643.898	643.703	643.595	643.430	643.391	643.354	---	---	28
29	---		643.931	643.871	643.893	643.695	643.588	643.423	643.390	643.350	---	---	29
30	---		643.941	643.865	643.887	643.699	643.581	643.416	643.387	643.349	---	---	30
31	---		643.942		643.877		643.581	643.409		643.350		---	31
MEAN	---	---	643.754	643.908	643.878	643.785	643.638	643.489	643.367	643.383	---	---	MEAN
MAX	---	---	643.942	643.941	643.920	643.867	643.703	643.578	643.402	643.411	---	---	MAX
MIN	---	---	643.642	643.865	643.851	643.695	643.581	643.409	643.338	643.349	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 643.942 ON MAR 31

MAXIMUM INSTANTANEOUS,
643.947 AT 15 45 CST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 17 51 N
LONG 108 27 13 W

A - MANUAL GAUGE

REGULATED SINCE 1968

DRAINAGE AREA,
25.1 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - STATION DISCONTINUED AFTER THE 1986 SEASON

GREENWATER LAKE NEAR CHELAN - STATION NO. 05LB011

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	533.180	533.123	533.075	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	533.123	---	---	---	---	---	3
4	---	---	---	---	---	533.186	---	533.055	---	---	532.921	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	533.113	---	---	---	---	---	6
7	---	---	---	---	---	---	---	533.045	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	533.113	---	---	---	---	---	9
10	---	---	---	---	---	533.181	---	533.045	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	533.034	---	---	---	---	13
14	---	---	---	---	---	---	533.114	---	---	---	---	---	14
15	---	---	---	---	533.249	533.177	---	533.034	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	533.108	---	---	---	---	---	17
18	---	---	---	---	533.244	---	---	---	---	---	---	---	18
19	---	---	---	---	---	533.172	533.114	---	---	---	---	---	19
20	---	---	---	---	533.239	---	---	---	---	---	---	---	20
21	---	---	---	---	---	533.152	---	533.018	---	---	---	---	21
22	---	---	---	---	---	---	533.084	---	---	---	---	---	22
23	---	---	---	---	533.230	533.142	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	533.220	---	533.080	533.014	---	---	---	---	25
26	---	---	---	---	---	---	533.085	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	533.215	533.143	---	532.984	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	533.123	533.085	---	---	---	---	---	30
31	---		---		533.210		533.075	532.974		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 29 44 N
LONG 103 31 20 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CREIC LAKE NEAR DORINTOSH - STATION NO. 05AF010

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	476.028	476.041	476.138	---	---	---	---	1
2	---	---	---	---	---	---	476.041	476.140	---	---	---	---	2
3	---	---	---	---	---	---	---	476.140	---	---	---	---	3
4	---	---	---	---	---	---	---	476.134	---	---	---	---	4
5	---	---	---	---	---	---	---	476.132	---	---	---	---	5
6	---	---	---	---	---	---	---	476.128	---	---	---	---	6
7	---	---	---	---	---	---	476.038	476.124	---	---	---	---	7
8	---	---	---	---	---	---	476.030	476.118	---	---	---	---	8
9	---	---	---	---	---	---	476.026	476.112	---	---	---	---	9
10	---	---	---	---	---	476.028	476.021	476.110	---	---	---	---	10
11	---	---	---	---	---	476.028	476.023	476.108	---	---	---	---	11
12	---	---	---	---	---	476.028	476.033	476.108	---	---	---	---	12
13	---	---	---	---	---	---	476.034	476.105E	---	---	---	---	13
14	---	---	---	---	---	476.028	476.043	476.102	---	---	---	---	14
15	---	---	---	---	476.026	476.023	476.046	476.096	---	---	---	---	15
16	---	---	---	---	---	476.021	476.054	476.088E	---	---	---	---	16
17	---	---	---	---	---	476.016	476.058	476.080	---	---	---	---	17
18	---	---	---	---	---	476.014	---	476.072	---	---	---	---	18
19	---	---	---	---	---	476.046	476.092	476.070E	---	---	---	---	19
20	---	---	---	---	---	---	476.092	476.069E	---	---	---	---	20
21	---	---	---	---	476.048	---	476.092	476.068	---	---	---	---	21
22	---	---	---	---	476.026	---	476.093	476.054	---	---	---	---	22
23	---	---	---	---	476.048	476.034	---	476.054	---	---	---	---	23
24	---	---	---	---	476.048	476.046	476.083	476.046	---	---	---	---	24
25	---	---	---	---	476.048	476.046	---	476.040	---	---	---	---	25
26	---	---	---	---	---	---	---	476.036	---	---	---	---	26
27	---	---	---	---	476.043	---	476.072	476.031	---	---	---	---	27
28	---	---	---	---	476.043	476.046	---	476.027	---	---	---	---	28
29	---		---	---	---	476.044	476.102	476.027	---	475.880	---	---	29
30	---		---	---	---	476.043	476.124	476.025	---	---	---	---	30
31	---		---		476.034		476.130	476.025		---		---	31
MEAN	---	---	---	---	---	---	---	476.084	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	476.140	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	476.025	---	---	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1986

MAXIMUM DAILY, 476.140 ON AUG 2

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 27 10 N
LONG 108 41 38 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HAPPYLAND CREEK NEAR FOX VALLEY - STATION NO. 05HB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:01 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 43 57 N
LONG 109 32 27 W
DRAINAGE AREA, 54.6 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

HARRIS RESERVOIR NEAR MAPLE CREEK - STATION NO. 05HA074

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	852.836	853.896	854.276	854.210	855.285	854.905	854.200	853.933	854.408	854.406	---	1
2	---	852.940	853.859	854.273	854.215	855.247	854.852	854.195	853.926	854.411	854.407	---	2
3	---	852.938	854.003	854.281	854.209	855.227	854.793	854.186	853.911	854.413	854.412	---	3
4	---	852.940	854.036	854.284	854.204	855.196	854.737	854.177	853.904	854.415	854.413	---	4
5	---	852.941	854.063	854.273	854.217	855.156	854.698	854.168	853.918	854.414	854.410A	---	5
6	---	852.936	854.076	854.270	854.236	855.126	854.669	854.161	853.916	854.412	---	---	6
7	---	852.938	854.097	854.269	854.252	855.100	854.639	854.157	853.912	854.410	---	---	7
8	---	852.938	854.104	854.277	854.265	855.066	854.576	854.146	853.907	854.415	---	---	8
9	---	852.936	854.117	854.269	854.286	855.037	854.516	854.140	853.903	854.418	---	---	9
10	---	852.935	854.129	854.262	854.322	855.029	854.458	854.133	853.906	854.416	---	---	10
11	---	852.935	854.142	854.252	854.382	855.022	854.414	854.126	853.901	854.418	---	---	11
12	852.879A	852.934	854.156	854.246	854.468	855.010	854.385	854.116	853.890	854.418	---	---	12
13	852.880E	852.934	854.160	854.246	854.587	855.008	854.373	854.103	853.888	854.415	---	---	13
14	852.880E	852.937	854.166	854.249	854.614	855.005	854.352	854.097	853.885	854.415	---	---	14
15	852.881E	852.936	854.176	854.262	854.634	855.007	854.330	854.085	853.890	854.413	---	---	15
16	852.882E	852.940	854.186	854.244	854.659	855.004	854.301	854.077	853.886	854.415	---	---	16
17	852.883E	852.936	854.193	854.237	854.692	855.006	854.314	854.073	853.887	854.413	---	---	17
18	852.884E	852.938	854.197	854.233	854.747	855.010	854.294	854.056	853.888	854.410	---	---	18
19	852.885E	852.937	854.200	854.232	854.794	855.004	854.290	854.038	853.894	854.410	---	---	19
20	852.886E	852.937	854.205	854.233	854.822	854.993	854.283	854.031	853.897	854.412	---	---	20
21	852.885A	852.935	854.212	854.232	854.833	854.985	854.276	854.021	853.897	854.408	---	---	21
22	852.874	852.940	854.213	854.230	854.880	854.975	854.272	854.012	853.896	854.406	---	---	22
23	852.527	852.941	854.229	854.226	855.063	854.976	854.264	854.005	853.898	854.405	---	---	23
24	852.530	852.950	854.230	854.226	855.250	854.973	854.258	853.993	853.894	854.402	---	---	24
25	852.533	853.115	854.233	854.230	855.313	854.966	854.252	853.984	853.959	854.396	---	---	25
26	852.539	853.565	854.243	854.221	855.339	854.960	854.244	853.977	854.200	854.399	---	---	26
27	852.539	853.751	854.249	854.221	855.345	854.954	854.239	853.972	854.373	854.394	---	---	27
28	852.537	853.834	854.250	854.218	855.346	854.945	854.231	853.964	854.400	854.389	---	---	28
29	852.535		854.256	854.215	855.351	854.853	854.222	853.957	854.409	854.383	---	---	29
30	852.538		854.264	854.209	855.349	854.946	854.210	853.945	854.408	854.393	---	---	30
31	852.536		854.270		855.317		854.205	853.939		854.406		---	31
MEAN	---	853.026	854.158	854.247	854.717	855.040	854.415	854.072	853.979	854.406	---	---	MEAN
MAX	---	853.834	854.270	854.284	855.351	855.285	854.905	854.200	854.409	854.419	---	---	MAX
MIN	---	852.934	853.896	854.209	854.204	854.946	854.205	853.939	853.885	854.383	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 855.351 ON MAY 29
MINIMUM DAILY, 852.879A ON JAN 12
MAXIMUM INSTANTANEOUS,
855.359 AT 21:23 CST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 03 N
LONG 105 30 25 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
14.2 km²

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM

MAULTAIN RIVER ABOVE NORBERT RIVER - STATION NO. 06BD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.678	5.618	6.368	12.38	20.0	36.8	20.6	55.5E	21.3	15.1	10.88	10.7B	1
2	5.678	5.578	6.788	11.68	21.8	35.3	20.2	54.5E	20.8	14.9	11.98	10.7B	2
3	5.738	5.528	6.558	11.98	24.2	34.2	20.7	52.5E	20.7	14.7	13.16	10.8B	3
4	5.788	5.538	6.628	12.68	27.5	32.4	24.6A	50.7A	21.0	14.5	13.58	10.5B	4
5	5.798	5.478	6.538	12.58	30.1	31.0	28.9E	49.0	20.8	14.5	13.38	10.5B	5
6	5.768	5.468	6.248	14.68	32.7	29.9	34.1E	47.1	20.3	14.6	12.78	10.6B	6
7	5.868	5.518	6.098	14.68	33.6	28.9	40.1E	44.8	20.1	15.3	11.98	10.5B	7
8	5.918	5.648	5.908	15.08	34.8	27.9	47.1E	43.4	19.6	15.3	10.28	10.3B	8
9	5.798	5.638	5.818	17.08	35.6	27.2	52.1E	41.6	19.3	15.2	11.26	10.2B	9
10	5.848	5.678	5.598	16.58	37.4	26.5	54.1E	40.0	18.9	15.4	11.76	10.0B	10
11	5.838	5.678	5.648	16.18	38.8	26.6	55.5E	38.2	18.4	15.2	11.48	10.1B	11
12	5.898	5.728	5.718	16.88	41.1	27.7	56.0E	36.9A	16.1	15.1	11.08	10.1B	12
13	5.798	5.618	5.668	16.68	42.0	27.9	55.5E	35.6E	17.8	14.9	10.68	10.1B	13
14	5.758	5.568	5.658	16.48	42.0	27.5	54.0A	34.4E	17.6	14.7	11.08	10.1B	14
15	5.678	5.598	6.398	16.6	42.0	27.2	52.6	33.3E	17.1	14.6	11.18	10.1B	15
16	5.598	5.508	6.738	16.2	42.5	26.7	52.0	32.2E	17.0	14.6	11.08	10.1B	16
17	5.698	5.648	7.028	16.0	43.4	26.1	50.9	31.2E	16.9	14.6	10.68	10.1B	17
18	5.558	5.458	7.378	16.9	45.7	25.3	50.5E	30.2E	16.7	14.6	10.78	10.0B	18
19	5.678	5.218	7.308	17.9	49.0	24.5	50.3E	29.5A	16.4	14.3	10.46	10.1B	19
20	5.788	5.468	7.388	18.1	50.5	23.7	50.1E	28.9	16.2	14.2	10.56	9.988	20
21	5.698	5.398	7.538	18.3	51.3	23.3	50.0E	28.5	16.0	14.1	10.48	9.928	21
22	5.578	5.378	7.638	18.1	51.4	23.2	50.3E	28.0	15.5	14.1	10.78	9.958	22
23	5.468	5.438	7.738	19.6	50.9	23.1	50.5E	27.3	15.6	14.0	10.78	9.918	23
24	5.368	5.548	7.658	18.7	50.0	23.0	51.0E	26.7	15.7	13.8	10.78	9.938	24
25	5.388	5.448	8.458	18.7	49.2	23.0	52.0E	25.6	15.6	13.7	10.68	9.898	25
26	5.388	5.498	8.778	20.3	48.0	22.6	53.0E	25.0	15.3	13.5	10.58	9.958	26
27	5.258	5.578	8.958	21.1	46.3	22.2	54.0E	24.4	15.2	13.58	10.66	10.1B	27
28	5.208	6.108	9.728	21.1	44.6	21.9	55.5E	23.7	15.3	13.78	10.58	10.3B	28
29	5.468		10.5B	20.3	42.6	21.5	56.0E	23.2	15.3	13.38	10.68	10.2B	29
30	5.528		11.3B	18.7	40.2	21.0	56.5E	22.7	15.2	12.88	10.78	10.0B	30
31	5.748		11.9B		38.3		56.0E	22.1		10.58		9.988	31
TOTAL	175.13	155.35	227.66	510.7	1 249.6	788.4	1 454.9	1 087.0	530.4	483.5	334.8	316.11	TOTAL
MEAN	5.65	5.55	7.35	17.0	40.3	26.6	46.9	35.1	17.7	14.3	11.2	10.2	MEAN
MAX	5.91	6.10	11.9	21.1	51.4	36.8	56.5	55.5	21.3	15.4	13.5	10.8	MAX
MIN	5.25	5.21	5.59	11.6	20.0	21.0	20.2	22.1	15.2	10.5	10.2	9.89	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.0
MAXIMUM DAILY, 55.5E ON JUL 30
MINIMUM DAILY, 5.21B ON FEB 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 14 40 N
LONG 106 33 40 W
DRAINAGE AREA, 3 680 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 100	JUL	126 000
FEB	13 400	AUG	93 800
MAR	19 700	SEP	45 800
APR	44 100	OCT	38 300
MAY	108 000	NOV	28 800
JUN	68 000	DEC	27 300

TOTAL DISCHARGE, 630 000 dam³

HAY MEADOW CREEK NEAR LISIEUX - STATION NO. 11AE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	2.46 B	0.063	0.074	0.028	0.027	0.016	0.012	0.043	0.038	---	1
2	---	---	1.97 B	0.073	0.073	0.025	0.024	0.019	0.012	0.093	0.035	---	2
3	---	---	1.68 B	0.071	0.073	0.040	0.023	0.017	0.014	0.073	0.051	---	3
4	---	---	1.55 B	0.069	0.070	0.026	0.024	0.017	0.016	0.063	0.0654	---	4
5	---	---	1.51 B	0.062	0.535	0.024	0.034	0.014	0.019	0.083	---	---	5
6	---	---	0.5658	0.057	1.24	0.051	0.025	0.017	0.020	0.071	---	---	6
7	---	---	0.449	0.055	1.08	0.073	0.025	0.019	0.018	0.056	---	---	7
8	---	---	0.272	0.053	0.526	0.079	0.021	0.018	0.017	0.104	---	---	8
9	---	---	0.503	0.056	1.15	0.051	0.028	0.014	0.019	0.085	---	---	9
10	---	---	0.508	0.057	1.20	0.036	0.034	0.013	0.023	0.076	---	---	10
11	---	---	0.534	0.057	0.614	0.034	0.041	0.013	0.023	0.073	---	---	11
12	---	---	0.493	0.055	0.356	0.030	0.037	0.013	0.016	0.053	---	---	12
13	---	---	0.370	0.055	0.231	0.025	0.032	0.013	0.015	0.057	---	---	13
14	---	---	0.262	0.050	0.182	0.025	0.039	0.015	0.016	0.055	---	---	14
15	---	---	0.239	0.046	0.139	0.039	0.045	0.014	0.021	0.051	---	---	15
16	---	---	0.200	0.053	0.113	0.032	0.033	0.015	0.024	0.043	---	---	16
17	---	---	0.149	0.050	0.097	0.027	0.033	0.014	0.022	0.047	---	---	17
18	---	---	0.113	0.117	0.090	0.021	0.026	0.014	0.020	0.047	---	---	18
19	---	---	0.092	0.102	0.081	0.031	0.031	0.011	0.025	0.046	---	---	19
20	---	---	0.080	0.098	0.069	0.025	0.019	0.010	0.040	0.046	---	---	20
21	---	---	0.094	0.069	0.064	0.021	0.013	0.012	0.090	0.045	---	---	21
22	---	---	0.131	0.078	0.063	0.019	0.058	0.012	0.043	0.042	---	---	22
23	---	---	0.157	0.078	0.068	0.018	0.086	0.011	0.054	0.042	---	---	23
24	---	0.8	0.124	0.064	0.074	0.016	0.041	0.009	0.057	0.043	---	---	24
25	---	1.268	0.110	0.084	0.075	0.016	0.028	0.011	0.107	0.045	---	---	25
26	---	7.535	0.076	0.068	0.073	0.017	0.023	0.012	0.112	0.047	---	---	26
27	---	6.535	0.091	0.081	0.068	0.015	0.023	0.015	0.059	0.046	---	---	27
28	---	3.465	0.097	0.061	0.064	0.015	0.021	0.014	0.062	0.048	---	---	28
29	---		0.111	0.076	0.054	0.024	0.020	0.013	0.061	0.041	---	---	29
30	---		0.115	0.071	0.047	0.028	0.018	0.013	0.053	0.040	---	---	30
31	---		0.100		0.039		0.015	0.012		0.044		---	31
TOTAL	---	---	15.307	2.171	6.767	0.916	0.960	0.430	1.090	1.771	---	---	TOTAL
MEAN	---	---	0.494	0.072	0.263	0.031	0.031	0.014	0.036	0.057	---	---	MEAN
MAX	---	---	2.46	0.117	1.24	0.079	0.058	0.019	0.112	0.104	---	---	MAX
MIN	---	---	0.076	0.046	0.039	0.015	0.013	0.009	0.012	0.040	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.126
MAXIMUM DAILY, 2.460 ON MAR 1
MINIMUM DAILY, 0.008 ON AUG 24
MAXIMUM INSTANTANEOUS,
11.88 AT 23:01 CST ON FEB 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 16 13 N
LONG 105 58 22 W
DRAINAGE AREA, 186 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	82.9
FEB	---	AUG	37.2
MAR	1 320	SEP	94.2
APR	188	OCT	153
MAY	759	NOV	---
JUN	79.1	DEC	---

TOTAL DISCHARGE, 2 710 dam³

REMARKS - SIGNIFICANT RUNOFF INCLUDING THE PEAK DISCHARGE OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

HUFF LAKE - STATION NO. 11AC063

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	813.706E	815.374	815.782	815.771	815.819	814.186	813.348	812.900	814.926	815.823	---	1
2	---	813.711E	815.454	815.812	815.776	815.765	814.200	813.269	812.896	815.121	815.626	---	2
3	---	813.721E	815.817	815.815	815.794	815.740	814.206	813.240	812.895	815.213	815.635	---	3
4	---	813.736E	815.615	815.815	815.789	815.690	814.203	813.203	812.886	815.279	815.625	---	4
5	---	813.756A	815.586	815.826	815.846	815.631	814.205	813.195	812.890	815.332	815.610A	---	5
6	---	813.779	815.460	815.829	815.864	815.559	814.202	813.199	812.892	815.377	---	---	6
7	---	813.800	815.642	815.816	815.861	815.490	814.200	813.210	812.893	815.405	---	---	7
8	---	813.826	815.585	815.803	815.853	815.418	814.201	813.214	812.898	815.442	---	---	8
9	---	813.846	815.614	815.822	815.870	815.355	814.196	813.203	812.906	815.474	---	---	9
10	---	813.870	815.607	815.839	815.845	815.278	814.202	813.164	812.926	815.505	---	---	10
11	---	813.891	815.722	815.829	815.814	815.205	814.212	813.165	812.950	815.525	---	---	11
12	---	813.911	815.726	815.811	815.799	815.131	814.217	813.145	812.960	815.546	---	---	12
13	---	813.928	815.725	815.812	815.801	815.060	814.220	813.125	812.966	815.570	---	---	13
14	---	813.943	815.723	815.809	815.811	814.976	814.217	813.105	812.966	815.591	---	---	14
15	---	813.960	815.757	815.806	815.844	814.905	814.179	813.086	813.005	815.600	---	---	15
16	---	813.980	815.762	815.829	815.937	814.822	814.114	813.065	813.035	815.624	---	---	16
17	---	813.992	815.720	815.823	815.965	814.734	814.037	813.045	813.068	815.646	---	---	17
18	---	814.005	815.696	815.788	815.971	814.662	813.931	813.038	813.092	815.664	---	---	18
19	---	814.018	815.688	815.809	815.956	814.573	813.803	813.018	813.131	815.678	---	---	19
20	---	814.030	815.715	815.819	815.930	814.499	813.675	813.004	813.181	815.685	---	---	20
21	---	814.041	815.747	815.832	815.916	814.444	813.554	812.988	813.232	815.712	---	---	21
22	---	814.052	815.762	815.841	815.919	814.395	813.443	812.976	813.281	815.731	---	---	22
23	---	814.065	815.763	815.839	815.878	814.343	813.346	812.961	813.317	815.748	---	---	23
24	---	814.077	815.773	815.831	816.041	814.295	813.269	812.948	813.354	815.774	---	---	24
25	---	814.070	815.768	815.824	815.987	814.259	813.235	812.941	813.440	815.789	---	---	25
26	---	814.825	815.811	815.820	815.979	814.224	813.261	812.934	813.575	815.822	---	---	26
27	---	815.579	815.840	815.816	815.976	814.203	813.376	812.926	813.708	815.831	---	---	27
28	---	815.140	815.828	815.812	815.870	814.192	813.396	812.926	813.810	815.829	---	---	28
29	---		815.809	815.790	815.944	814.181	813.387	812.921	814.276	815.826	---	---	29
30	---		815.782	815.777	815.907	814.198	813.368	812.915	814.686	815.836	---	---	30
31	---		815.777		815.858		813.390	812.906		815.826	---	---	31
MEAN	---	814.045	815.720	815.817	815.889	814.902	813.680	813.076	813.205	815.579	---	---	MEAN
MAX	---	815.579	815.840	815.841	816.041	815.819	814.220	813.348	814.686	815.836	---	---	MAX
MIN	---	813.706	815.374	815.777	815.771	814.181	813.235	812.906	812.886	814.926	---	---	MIN

SUMMARY FOR THE YEAR 1985

WATER LEVELS IN METRES

MAXIMUM DAILY, 816.041 ON MAY 24
MINIMUM DAILY, 812.886 ON SEP 4
MAXIMUM INSTANTANEOUS,
816.058 AT 02:07 CST ON MAY 24

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 16 N
LONG 107 53 07 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -000.064 m ADJUSTMENT TO CONVERT TO TOPOGRAPHIC SURVEY DATUM

REMARKS - WIND EFFECTS WERE GRAPHICALLY ELIMINATED

TO

HUFF LAKE GRAVITY CANAL - STATION NO. 11AC065

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.452	0	0.269	0	0	0	---	1
2	---	---	0	0	0	0.574	0	0.253	0	0	0	---	2
3	---	---	0	0	0	0.572	0	0.232	0	0	0	---	3
4	---	---	0	0	0	0.690	0	0.226	0	0	0	---	4
5	---	---	0	0	0	0.792	0	0.222	0	0	0	---	5
6	---	---	0	0	0	0.920	0	0.084	0	0	---	---	6
7	---	---	0	0	0	1.03	0	0	0	0	---	---	7
8	---	---	0	0	0	0.995	0	0	0	0	---	---	8
9	---	---	0	0	0	0.853	0	0.080	0	0	---	---	9
10	---	---	0	0	0	0.803	0	0.120	0	0	---	---	10
11	---	---	0	0	0	0.903	0	0.120	0	0	---	---	11
12	---	---	0	0	0	0.731	0	0.115	0	0	---	---	12
13	---	---	0	0	0	0.737	0	0.115	0	0	---	---	13
14	---	---	0	0	0	0.701	0.281	0.115	0	0	---	---	14
15	---	---	0	0	0	0.574	0.277	0.110	0	0	---	---	15
16	---	---	0	0	0	0.683	0.254	0.110	0	0	---	---	16
17	---	---	0	0	0	0.783	0.726	0.110	0	0	---	---	17
18	---	---	0	0	0	0.822	0.484	0.110	0	0	---	---	18
19	---	---	0	0	0	0.935	0.585	0.105	0	0	---	---	19
20	---	---	0	0	0	0.948	0.502	0.105	0	0	---	---	20
21	---	---	0	0	0	0.904	0.439	0.105	0	0	---	---	21
22	---	---	0	0	0	0.858	0.384	0.100	0	0	---	---	22
23	---	---	0	0	0	0.655	0.365	0.100	0	0	---	---	23
24	---	---	0	0	0	0.605	0.261	0.100	0	0	---	---	24
25	---	---	0	0	0	0.384	0.300	0.021	0	0	---	---	25
26	---	0	0	0	0	0.231	0.328	0	0	0	---	---	26
27	---	0	0	0	0	0.149	0.417	0	0	0	---	---	27
28	---	0	0	0	0	0.160	0.462	0	0	0	---	---	28
29	---		0	0	0	0.074	0.488	0	0	0.050	---	---	29
30	---		0	0	0.298	0	0.345	0	0	0	---	---	30
31	---		0		0.633		0.185	0		0.001		---	31
TOTAL	---	---	0	0	0.932	19.425	6.763	2.985	0	0.051	---	---	TOTAL
MEAN	---	---	0	0	0.030	0.648	0.218	0.096	0	0.002	---	---	MEAN
MAX	---	---	0	0	0.633	1.03	0.585	0.269	0	0.050	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.123
MAXIMUM DAILY, 1.03 ON JUN 7
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 10 N
LONG 107 53 06 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	584
FEB	---	AUG	258
MAR	0	SEP	0
APR	0	OCT	4.41
MAY	80.5	NOV	---
JUN	1 680	DEC	---

TOTAL DISCHARGE, 2 610 dam³

HUFF LAKE PUMPING CANAL - STATION NO. 11AC066

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.684	0	0.525	0	0	0	---	1
2	---	---	0	0	0	0.655	0	0.347	0	0	0	---	2
3	---	---	0	0	0	0.436	0	0.247	0	0	0	---	3
4	---	---	0	0	0	0.602	0	0.072	0	0	0	---	4
5	---	---	0	0	0	0.648	0	0	0	0	0	---	5
6	---	---	0	0	0	0.583	0	0	0	0	---	---	6
7	---	---	0	0	0	0.632	0	0	0	0	---	---	7
8	---	---	0	0	0	0.620	0	0	0	0	---	---	8
9	---	---	0	0	0	0.610	0	0	0	0	---	---	9
10	---	---	0	0	0	0.601	0	0	0	0	---	---	10
11	---	---	0	0	0	0.591	0	0	0	0	---	---	11
12	---	---	0	0	0	0.582	0	0	0	0	---	---	12
13	---	---	0	0	0	0.583	0	0	0	0	---	---	13
14	---	---	0	0	0	0.573	0.018	0	0	0	---	---	14
15	---	---	0	0	0	0.591	0.452	0	0	0	---	---	15
16	---	---	0	0	0	0.553	0.513	0	0	0	---	---	16
17	---	---	0	0	0	0.508	0.533	0	0	0	---	---	17
18	---	---	0	0	0	0.521	0.508	0	0	0	---	---	18
19	---	---	0	0	0	0.540	0.526	0	0	0	---	---	19
20	---	---	0	0	0	0.384	0.523	0	0	0	---	---	20
21	---	---	0	0	0	0.287	0.500	0	0	0	---	---	21
22	---	---	0	0	0	0.142	0.285	0	0	0	---	---	22
23	---	---	0	0	0	0.104	0.284	0	0	0	---	---	23
24	---	---	0	0	0	0.284	0.284	0	0	0	---	---	24
25	---	---	0	0	0	0.288	0.283	0	0.072	0	---	---	25
26	---	0	0	0	0	0.118	0.155	0	0	0	---	---	26
27	---	0	0	0	0	0	0.235	0	0	0	---	---	27
28	---	0	0	0	0	0	0.268	0	0	0	---	---	28
29	---		0	0	0.173	0	0.445	0	0	0	---	---	29
30	---		0	0	0.538	0	0.252	0		0		---	30
31	---		0		0.672		0.468	0		0		---	31
TOTAL	---	---	0	0	1.384	12.776	6.617	1.231	0.072	0	---	---	TOTAL
MEAN	---	---	0	0	0.045	0.426	0.213	0.040	0.002	0	---	---	MEAN
MAX	---	---	0	0	0.672	0.584	0.533	0.525	0.072	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.090
MAXIMUM DAILY, 0.684 ON JUN 1
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 20 N
LONG 107 53 06 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	572
FEB	---	AUG	106
MAR	0	SEP	0.31
APR	0	OCT	0
MAY	120	NOV	---
JUN	1 100	DEC	---

TOTAL DISCHARGE, 1 900 dam³

HUNTER CREEK NEAR RICHARDSON - STATION NO. 05JF014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 030E	0 001	0	0	0	0	0	---	---	1
2	---	---	0 B	0 030E	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0 025E	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0 020E	0	0	0	0	0	0	---	---	4
5	---	---	0 086B	0 013E	0 570	0	0	0	0	0	---	---	5
6	---	---	0 238B	0 007E	1 00	0	0	0	0	0	---	---	6
7	---	---	0 185B	0 004A	0 364	0	0	0	0	0	---	---	7
8	---	---	0 046B	0 002	0 257	0	0	0	0	0	---	---	8
9	---	---	0 026B	0	0 849	0	0	0	0	0	---	---	9
10	---	---	0 020B	0	1 06	0	0	0	0	0	---	---	10
11	---	---	0 032B	0	0 334	0	0	0	0	0	---	---	11
12	---	---	0 028B	0	0 175	0	0	0	0	0	---	---	12
13	---	---	0 049B	0	0 137	0	0	0	0	0	---	---	13
14	---	---	0 179B	0	0 106	0	0	0	0	0	---	---	14
15	---	---	0 718B	0	0 079	0	0	0	0	0	---	---	15
16	---	---	0 960B	0	0 063	0	0	0	0	0	---	---	16
17	---	---	1 10 B	0	0 048	0	0	0	0	0	---	---	17
18	---	---	0 740B	0	0 040	0	0	0	0	0	---	---	18
19	---	---	0 520B	0	0 031	0	0	0	0	0	---	---	19
20	---	---	0 443E	0	0 025	0	0	0	0	0	---	---	20
21	---	---	0 365E	0	0 020	0	0	0	0	0	---	---	21
22	---	---	0 290E	0	0 017	0	0	0	0	0	---	---	22
23	---	---	0 250E	0 002	0 020	0	0	0	0	0	---	---	23
24	---	---	0 219E	0 002	0 018	0	0	0	0	0	---	---	24
25	---	---	0 160E	0 002	0 015	0	0	0	0	0	---	---	25
26	---	---	0 130E	0 001	0 012	0	0	0	0	0	---	---	26
27	---	---	0 105E	0 001	0 010	0	0	0	0	0	---	---	27
28	---	---	0 085E	0 002	0 009	0	0	0	0	0	---	---	28
29	---		0 068E	0 002	0 006	0	0	0	0	0	---	---	29
30	---		0 055E	0 002	0 004	0	0	0	0	0	---	---	30
31	---		0 047E		0 001		0	0		0		---	31
TOTAL	---	---	7 222	0 153	5 570	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 233	0 005	0 180	0	0	0	0	0	---	---	MEAN
MAX	---	---	1 10	0 038	1 00	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 053
MAXIMUM DAILY, 1 60 ON MAY 6
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2 38 AT 03 31 CST ON MAY 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 23 16 N
LONG 104 27 39 W
DRAINAGE AREA, 135 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	624	SEP	0
APR	13.2	OCT	0
MAY	481	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 120 dam³

INDIANHEAD CREEK NEAR INDIAN HEAD - STATION NO. 05JL002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 020B	0 000	0	0	0	0	0	0	---	---	1
2	---	---	0 800B	0 001	0	0	0	0	0	0	---	---	2
3	---	---	1 40 B	0	0	0	0	0	0	0	---	---	3
4	---	---	1 32 B	0	0	0	0	0	0	0	---	---	4
5	---	---	1 08 B	0	0	0	0	0	0	0	---	---	5
6	---	---	0 336B	0	4 08	0	0	0	0	0	---	---	6
7	---	---	0 100B	0	0 982	0	0	0	0	0	---	---	7
8	---	---	0 040B	0	0 296	0	0	0	0	0	---	---	8
9	---	---	0 025B	0	0 485	0	0	0	0	0	---	---	9
10	---	---	0 044B	0	1 70	0	0	0	0	0	---	---	10
11	---	---	0 060B	0	0 553	0	0	0	0	0	---	---	11
12	---	---	0 150B	0	0 204	0	0	0	0	0	---	---	12
13	---	---	0 300B	0	0 082	0	0	0	0	0	---	---	13
14	---	---	0 810B	0	0 028	0	0	0	0	0	---	---	14
15	---	---	0 760B	0	0 006	0	0	0	0	0	---	---	15
16	---	---	0 700B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 510B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 470B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 360B	0	0	0	0	0	0	0	---	---	19
20	---	---	0 276B	0	0	0	0	0	0	0	---	---	20
21	---	---	0 227B	0	0	0	0	0	0	0	---	---	21
22	---	---	0 150B	0	0	0	0	0	0	0	---	---	22
23	---	---	0 080B	0	0 026	0	0	0	0	0	---	---	23
24	---	---	0 054B	0	0 030	0	0	0	0	0	---	---	24
25	---	---	0 034	0	0 032	0	0	0	0	0	---	---	25
26	---	---	0 024	0	0 005	0	0	0	0	0	---	---	26
27	---	---	0 055	0	0	0	0	0	0	0	---	---	27
28	---	---	0 094	0	0	0	0	0	0	0	---	---	28
29	---		0 093	0	0	0	0	0	0	0A	---	---	29
30	---		0 068	0	0	0	0	0	0	0E	---	---	30
31	---		0 035		0		0	0		0E		---	31
TOTAL	---	---	10 384	0 010	8 538	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 335	0	0 275	0	0	0	0	0	---	---	MEAN
MAX	---	---	1 40	0 000	4 08	0	0	0	0	0	---	---	MAX
MIN	---	---	0 020	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 077
MAXIMUM DAILY, 4 08 ON MAY 6
MINIMUM DAILY, 0 ON APR 2
MAXIMUM INSTANTANEOUS,
5 85 AT 10 51 CST ON MAY 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 31B 42 N
LONG 103 31B 14 W
DRAINAGE AREA, 327 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	897	SEP	0
APR	0.85	OCT	0
MAY	738	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 640 dam³

INVERNESS CREEK NEAR BRODERICK - STATION NO. 05MG021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.267B	0.001	0	0	0	0	0	0	---	---	1
2	---	0 B	0.419B	0.001	0	0	0	0	0	0	---	---	2
3	---	0 B	0.455B	0.001	0	0	0	0	0	0	---	---	3
4	---	0 B	0.277B	0.001	0	0	0	0	0	0	---	---	4
5	---	0 B	0.269B	0.001	0	0	0	0	0	0	---	---	5
6	---	0 B	0.165B	0	0	0	0	0	0	0	---	---	6
7	---	0 B	0.023B	0	0	0	0	0	0	0	---	---	7
8	---	0 B	0.095B	0	0	0	0	0	0	0	---	---	8
9	---	0 B	0.079B	0	0	0	0	0	0	0	---	---	9
10	---	0 B	0.043B	0	0	0	0	0	0	0	---	---	10
11	---	0 B	0.037B	0	0	0	0	0	0	0	---	---	11
12	---	0 B	0.020B	0	0	0	0	0	0	0	---	---	12
13	---	0 B	0.010B	0	0	0	0	0	0	0	---	---	13
14	---	0 B	0.006B	0	0	0	0	0	0	0	---	---	14
15	---	0 B	0.005B	0	0	0	0	0	0	0	---	---	15
16	---	0 B	0.004B	0	0	0	0	0	0	0	---	---	16
17	---	0 B	0.004B	0	0	0	0	0	0	0	---	---	17
18	---	0 B	0.003B	0	0	0	0	0	0	0	---	---	18
19	---	0 B	0.003B	0	0	0	0	0	0	0	---	---	19
20	---	0 B	0.002B	0	0	0	0	0	0	0	---	---	20
21	---	0 B	0.002B	0	0	0	0	0	0	0	---	---	21
22	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	22
23	---	0 B	0 B	0	0	0	0	0	0	0	---	---	23
24	---	0 B	0 B	0	0	0	0	0	0	0	---	---	24
25	---	0 B	0 B	0	0	0	0	0	0	0	---	---	25
26	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	26
27	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	27
28	---	0.374B	0.001B	0	0	0	0	0	0	0	---	---	28
29	---		0.001B	0	0	0	0	0	0	0	---	---	29
30	---		0.001B	0	0	0	0	0	0	0	---	---	30
31	---		0.001		0		0	0		0		---	31
TOTAL	---	0.374	2.195	0.005	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.013	0.071	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.374	0.455	0.001	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.009
MAXIMUM DAILY, 0.455B ON MAR 3
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
0.804B AT 16:22 CST ON MAR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 30 16 N
LONG 105 49 16 W
DRAINAGE AREA, 61.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	32.3	AUG	0
MAR	190	SEP	0
APR	0.43	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 223 dam³

REMARKS - SOME FLOW OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

IRONSPRING CREEK NEAR WATSON - STATION NO. 05MA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	3.77	0.150	0.026	0.016	0	0	0	---	---	1
2	---	---	0 B	2.72	0.177	0.033	0.014	0	0	0	---	---	2
3	---	---	0.008B	0.981B	0.213	0.013	0.008	0	0	0	---	---	3
4	---	---	0.035B	0.850	0.242	0.010	0.005	0	0	0	---	---	4
5	---	---	0.020B	0.614	0.271	0.011	0.003	0	0	0	---	---	5
6	---	---	0.008B	0.478	0.281	0.011	0.002	0	0	0	---	---	6
7	---	---	0.001B	0.343	0.304	0.010	0.001	0	0	0	---	---	7
8	---	---	0 B	0.233	0.290	0.012	0.001	0	0	0	---	---	8
9	---	---	0 B	0.176	0.289	0.012	0	0	0	0	---	---	9
10	---	---	0 B	0.140	0.435	0.011	0.001	0	0	0	---	---	10
11	---	---	0 B	0.107	0.478	0.009	0.002	0	0	0	---	---	11
12	---	---	0 B	0.091B	0.835	0.006	0.002	0	0	0	---	---	12
13	---	---	0.013B	0.056B	0.968	0.005	0.014	0	0	0	---	---	13
14	---	---	0.093B	0.046B	0.958	0.355	0.011	0	0	0	---	---	14
15	---	---	0.185B	0.037B	0.992	0.587	0.003	0	0	0	---	---	15
16	---	---	0.378B	0.037B	1.14	0.595	0.001	0	0	0	---	---	16
17	---	---	0.791B	0.080	1.16	0.576	0.041	0	0	0	---	---	17
18	---	---	1.03 B	0.206	1.13	0.573	0.240	0	0	0	---	---	18
19	---	---	0.766B	0.241	1.05	0.482	0.125	0	0	0	---	---	19
20	---	---	0.827B	0.186	1.04	0.444	0.044	0	0	0	---	---	20
21	---	---	0.826B	0.154	0.747	0.398	0.024	0	0	0	---	---	21
22	---	---	1.40 B	0.153	0.207	0.332	0.020	0	0	0	---	---	22
23	---	---	1.75 B	0.153	0.086	0.300	0.027	0	0	0	---	---	23
24	---	---	1.29 B	0.155	0.062	0.236	0.022	0	0	0	---	---	24
25	---	---	0.539B	0.146	0.060	0.187	0.008	0	0	0	---	---	25
26	---	---	0.464B	0.125	0.058	0.126	0.003	0	0	0	---	---	26
27	---	---	0.957B	0.133	0.052	0.091	0.002	0	0	0	---	---	27
28	---	---	4.20 B	0.153	0.041	0.062	0.002	0	0	0	---	---	28
29	---		7.10 B	0.146	0.037	0.037	0.001	0	0	0	---	---	29
30	---		6.15 B	0.138	0.029	0.025	0	0	0	0	---	---	30
31	---		5.30 B		0.024		0	0		0		---	31
TOTAL	---	---	34.129	12.858	13.828	5.595	0.641	0	0	0	---	---	TOTAL
MEAN	---	---	1.10	0.429	0.448	0.187	0.021	0	0	0	---	---	MEAN
MAX	---	---	7.10	3.77	1.16	0.596	0.240	0	0	0	---	---	MAX
MIN	---	---	0	0.037	0.029	0.005	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.274
MAXIMUM DAILY, 7.10B ON MAR 29
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.21B AT 03:22 CST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 03 25 N
LONG 104 29 56 W
DRAINAGE AREA, 588 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	55.4
FEB	---	AUG	0
MAR	2 850	SEP	0
APR	1 110	OCT	0
MAY	1 200	NOV	---
JUN	823	DEC	---

TOTAL DISCHARGE, 8 800 dam³

ISKWAO CREEK NEAR CRAIK - STATION NO. 05JG014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.8	0.040	0	0	0	0	0	0	---	---	1
2	---	---	0.2108	0.040	0	0	0	0	0	0	---	---	2
3	---	---	0.6318	0.034	0	0	0	0	0	0	---	---	3
4	---	---	0.6158	0.029	0	0	0	0	0	0	---	---	4
5	---	---	0.2638	0.029	0	0	0	0	0	0	---	---	5
6	---	---	0.5678	0.024	0	0	0	0	0	0	---	---	6
7	---	---	0.3398	0.019	0	0	0	0	0	0	---	---	7
8	---	---	0.2028	0.013	0	0	0	0	0	0	---	---	8
9	---	---	0.1548	0.007	0	0	0	0	0	0	---	---	9
10	---	---	0.1188	0.003	0	0	0	0	0	0	---	---	10
11	---	---	0.1028	0	0	0	0	0	0	0	---	---	11
12	---	---	0.0798	0	0	0	0	0	0	0	---	---	12
13	---	---	0.0738	0	0	0	0	0	0	0	---	---	13
14	---	---	0.0668	0	0	0	0	0	0	0	---	---	14
15	---	---	0.1058	0	0	0	0	0	0	0	---	---	15
16	---	---	0.1118	0	0	0	0	0	0	0	---	---	16
17	---	---	0.1188	0	0	0	0	0	0	0	---	---	17
18	---	---	0.1698	0	0	0	0	0	0	0	---	---	18
19	---	---	0.236	0	0	0	0	0	0	0	---	---	19
20	---	---	0.212	0	0	0	0	0	0	0	---	---	20
21	---	---	0.188	0	0	0	0	0	0	0	---	---	21
22	---	---	0.170	0	0	0	0	0	0	0	---	---	22
23	---	---	0.134	0	0	0	0	0	0	0	---	---	23
24	---	---	0.0978	0	0	0	0	0	0	0	---	---	24
25	---	---	0.0838	0	0	0	0	0	0	0	---	---	25
26	---	---	0.0878	0	0	0	0	0	0	0	---	---	26
27	---	---	0.1108	0	0	0	0	0	0	0	---	---	27
28	---	---	0.088	0	0	0	0	0	0	0	---	---	28
29	---		0.072	0	0	0	0	0	0	0	---	---	29
30	---		0.059	0	0	0	0	0	0	0	---	---	30
31	---		0.050		0		0	0		0	---	---	31
TOTAL	---	---	5.525	0.238	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.178	0.008	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.631	0.040	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.024
MAXIMUM DAILY, 0.6318 ON MAR 3
MINIMUM DAILY, 00 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.8208 AT 08 18 CST ON MAR 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 44 N
LONG 105 57 34 W
DRAINAGE AREA, 361 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	477	SEP	0
APR	20.6	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 498 dam³

JACKFISH LAKE NEAR COCHIN - STATION NO. 05EG003

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	529.513E	529.556	529.682	529.588	529.543	529.595	529.467	529.428	529.415	---	1
2	---	---	529.513E	529.557	529.695	529.591	529.537	529.598	529.469	529.420	529.419	---	2
3	---	---	529.513A	529.558	529.692	529.586	529.527	529.599	529.452	529.414	529.423	---	3
4	---	---	529.512	529.562	529.685	529.578	529.527	529.598	529.453	529.419	529.425A	---	4
5	---	---	529.514	529.565	529.674	529.584	529.514	529.599	529.457	529.414	---	---	5
6	---	---	529.511	529.573	529.674	529.581	529.507	529.595	529.472	529.420	---	---	6
7	---	---	529.511	529.580	529.673	529.584	529.516	529.594	529.468	529.427	---	---	7
8	---	---	529.521	529.585	529.669	529.574	529.517	529.582	529.466	529.427	---	---	8
9	---	---	529.521	529.584	529.659	529.579	529.510	529.581	529.455	529.420	---	---	9
10	---	---	529.522	529.585	529.664	529.587	529.513	529.580	529.454	529.400	---	---	10
11	---	---	529.521	529.589	529.656	529.553	529.519	529.571	529.435	529.423	---	---	11
12	---	---	529.522	529.602	529.659	529.550	529.528	529.578	529.445	529.432	---	---	12
13	---	---	529.518	529.605	529.656	529.552	529.535	529.575	529.444	529.436	---	---	13
14	---	---	529.521	529.610	529.659	529.552	529.530	529.588	529.434	529.428	---	---	14
15	---	---	529.522	529.614	529.663	529.563	529.531	529.553	529.407	529.438	---	---	15
16	---	---	529.523	529.617	529.648	529.562	529.526	529.551	529.423	529.440	---	---	16
17	---	---	529.523	529.620	529.646	529.562	529.541	529.541	529.428	529.436	---	---	17
18	---	---	529.525	529.628	529.645	529.547	529.563	529.549	529.432	529.441	---	---	18
19	---	---	529.528	529.629	529.644	529.565	529.545	529.520	529.430	529.438	---	---	19
20	---	---	529.534	529.633	529.638	529.559	529.565	529.531	529.427	529.437	---	---	20
21	---	---	529.534	529.639	529.652	529.552	529.563	529.521	529.436	529.437	---	---	21
22	---	---	529.539	529.645	529.669	529.550	529.537	529.522	529.436	529.437	---	---	22
23	---	---	529.539	529.657	529.669	529.551	529.529	529.507	529.431	529.430	---	---	23
24	---	---	529.538	529.661	529.664	529.547	529.535	529.507	529.418	529.426	---	---	24
25	---	---	529.548	529.662	529.650	529.569	529.536	529.511	529.389	529.432	---	---	25
26	---	---	529.550	529.658	529.637	529.551	529.533	529.503	529.410	529.430	---	---	26
27	---	---	529.551	529.661	529.627	529.550	529.531	529.500	529.425	529.412	---	---	27
28	---	---	529.551	529.665	529.633	529.552	529.542	529.498	529.428	529.424	---	---	28
29	---	---	529.554	529.668	529.628	529.546	529.548	529.502	529.436	529.419	---	---	29
30	---	---	529.556	529.670	529.610	529.545	529.578	529.490	529.433	529.400	---	---	30
31	---		529.558		529.609		529.581	529.486		529.407		---	31
MEAN	---	---	529.528	529.616	529.655	529.561	529.534	529.549	529.439	529.426	---	---	MEAN
MAX	---	---	529.558	529.670	529.695	529.591	529.591	529.595	529.472	529.441	---	---	MAX
MIN	---	---	529.511	529.556	529.609	529.542	529.507	529.486	529.389	529.400	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1986

MAXIMUM DAILY, 529.695 ON MAY 2

MAXIMUM INSTANTANEOUS,
529.781 AT 23:17 CST ON MAY 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 07 02 W
LONG 100 22 54 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

JACKFISH RIVER NEAR PRINCE - STATION NO. 05EG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0B	0.916A	3.72	0	0	0	0	0	---	1
2	---	---	0B	0B	5.44	2.04 A	0	0	0	0	0	---	2
3	---	---	0B	0B	5.39	0	0	0	0	0	0	---	3
4	---	---	0B	0B	5.42	0	0	0	0	0	2.118	---	4
5	---	---	0B	0B	5.56	0	0	0	0	0	3.67	---	5
6	---	---	0B	0B	5.53	0	0	0	0	0	3.684	---	6
7	---	---	0B	0B	5.46	0	0	0	0	0	1.346	---	7
8	---	---	0B	0B	5.31	0	0	0	0	0	---	---	8
9	---	---	0B	0B	5.15	0	0	0	0	0	---	---	9
10	---	---	0B	0B	5.04	0	0	0	0	0	---	---	10
11	---	---	0B	0B	4.82	0	0	0	0	0	---	---	11
12	---	---	0B	0B	4.61	0	0	0	0	0	---	---	12
13	---	---	0B	0B	4.38	0	0	0	0	0	---	---	13
14	---	---	0B	0B	4.22	0	0	0	0	0	---	---	14
15	---	---	0B	0B	4.10	0	0	0	0	0	---	---	15
16	---	---	0B	0B	4.02	0	0	0	0	0	---	---	16
17	---	---	0B	0B	3.92	0	0	0	0	0	---	---	17
18	---	---	0B	0B	3.88	0	0	0	0	0	---	---	18
19	---	---	0B	0B	3.85	0	0	0	0	0	---	---	19
20	---	---	0B	0B	3.82	0	0	0	0	0	---	---	20
21	---	---	0B	0	3.80	0	0	0	0	0	---	---	21
22	---	---	0B	0	3.81	0	0	0	0	0	---	---	22
23	---	---	0B	0	3.85	0	0	0	0	0	---	---	23
24	---	---	0B	0	3.85	0	0	0	0	0	---	---	24
25	---	---	0B	0	3.81	0	0	0	0	0	---	---	25
26	---	---	0B	0	3.78	0	0	0	0	0	---	---	26
27	---	---	0B	0	3.75	0	0	0	0	0	---	---	27
28	---	---	0B	0	3.75	0	0	0	0	0	---	---	28
29	---		0B	0	3.75	0	0	0	0	0	---	---	29
30	---		0B	0	3.76	0	0	0	0	0	---	---	30
31	---		0B		3.76		0	0		0		---	31
TOTAL	---	---	0	0	132.505	5.76	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	4.27	0.192	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	5.56	3.72	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0.916	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.564
MAXIMUM DAILY, 5.56 ON MAY 5
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
5.59 AT 11 59 CST ON MAY 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 01 14 N
LONG 105 21 55 W
DRAINAGE AREA, 3 320 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	11 400	NOV	---
JUN	496	DEC	---

TOTAL DISCHARGE, 11 900 dam³

REMARKS - A RELEASE OCCURRED NOV 04 TO 07, OUTSIDE THE STANDARD PERIOD

JAN LAKE NEAR THE MANSON LAKE ROAD - STATION NO. 05KC010

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	29.182	29.298	29.441	29.416	---	---	---	1
2	---	---	---	---	---	29.184	29.288	29.443	29.398	---	---	---	2
3	---	---	---	---	---	29.186	29.294	29.443	29.406	---	---	---	3
4	---	---	---	---	---	29.186	29.294	29.457	29.406	---	---	---	4
5	---	---	---	---	---	29.184	29.298	29.461	29.406	---	---	---	5
6	---	---	---	---	---	29.180	29.342	29.461	29.400	---	---	---	6
7	---	---	---	---	---	29.200	29.320	29.465	29.390	---	---	---	7
8	---	---	---	---	---	29.192	29.312	29.479	29.375	---	---	---	8
9	---	---	---	---	---	29.190	29.318	29.481	29.363	---	---	---	9
10	---	---	---	---	---	29.200	29.308	29.489	29.369	---	---	---	10
11	---	---	---	---	---	29.190	29.306	29.489	29.367	---	---	---	11
12	---	---	---	---	---	29.260	29.318	29.488	29.367	---	---	---	12
13	---	---	---	---	---	29.280	29.320	29.495	29.359	---	---	---	13
14	---	---	---	---	---	29.246	29.320	29.493	---	---	---	---	14
15	---	---	---	---	---	29.250	29.322	29.495	29.337	---	---	---	15
16	---	---	---	---	---	29.248	29.334	29.495	29.325	---	---	---	16
17	---	---	---	---	---	29.246	29.328	29.484	29.335	---	---	---	17
18	---	---	---	---	---	29.250	29.342	29.484	29.337	---	---	---	18
19	---	---	---	---	---	29.248	29.350	29.476	29.328	---	---	---	19
20	---	---	---	---	29.080	29.266	29.360	29.484	29.325	---	---	---	20
21	---	---	---	---	29.080	29.264	29.352	29.460	29.325	---	---	---	21
22	---	---	---	---	29.088	29.286	29.350	29.462	29.321	---	---	---	22
23	---	---	---	---	29.096	29.278	29.342	29.458	---	---	---	---	23
24	---	---	---	---	29.110	29.276	29.380	29.452	---	---	---	---	24
25	---	---	---	---	29.120	29.282	29.390	29.456	---	---	---	---	25
26	---	---	---	---	29.120	29.286	29.382	29.446	---	---	---	---	26
27	---	---	---	---	29.132	29.282	29.393	29.438	---	---	---	---	27
28	---	---	---	---	29.136	29.301	29.403	29.430	---	---	---	---	28
29	---		---	---	29.140	29.288	29.407	29.430	---	---	---	---	29
30	---		---	---	29.158	29.285	29.411	29.428	---	---	---	---	30
31	---		---		29.182		29.431	29.428		---		---	31
MEAN	---	---	---	---	---	29.238	29.342	29.464	---	---	---	---	MEAN
MAX	---	---	---	---	---	29.301	29.431	29.495	---	---	---	---	MAX
MIN	---	---	---	---	---	29.182	29.288	29.428	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 29.495 ON AUG 13

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 53 36 N
LONG 102 49 37 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

JEWEL CREEK NEAR GOODWATER - STATION NO. 05NB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.081B	0.015E	0.001	0.007	0.003	0.048	0	0	0	---	1
2	---	---	0.084B	0.012E	0	0.005	0.003	0.048	0	0.001	0	---	2
3	---	---	0.075B	0.010A	0	0.005	0.003	0.038	0	0.001	0.001	---	3
4	---	---	0.053B	0.008	0	0.005	0.002	0.025	0	0.001	0.001A	---	4
5	---	---	0.053B	0.007	0.003	0.006	0.005	0.016	0	0.001	---	---	5
6	---	---	0.041B	0.005	0.010	0.007	0.003	0.011	0	0	---	---	6
7	---	---	0.015B	0.005	0.008	0.007	0.003	0.008	0	0	---	---	7
8	---	---	0.007B	0.004	0.006	0.006	0.003	0.006	0	0	---	---	8
9	---	---	0.055B	0.004	0.015	0.006	0.002	0.005	0	0	---	---	9
10	---	---	0.331	0.003	0.024	0.006	0.003	0.004	0	0	---	---	10
11	---	---	0.248	0.004	0.017	0.004	0.003	0.003	0	0	---	---	11
12	---	---	0.189	0.004	0.018	0.003	0.002	0.003	0	0	---	---	12
13	---	---	0.158	0.004	0.485	0.003	0.003	0.002	0	0	---	---	13
14	---	---	0.134	0.005	0.588	0.002	0.003	0.001	0	0	---	---	14
15	---	---	0.119	0.004	0.409	0.004	0.002	0	0	0	---	---	15
16	---	---	0.118	0.005	0.284	0.004	0.002	0	0	0	---	---	16
17	---	---	0.105	0.007	0.221	0.004	0.003	0	0	0	---	---	17
18	---	---	0.103	0.008	0.187	0.003	0.003	0	0	0	---	---	18
19	---	---	0.098	0.007	0.145	0.133	0.002	0	0	0	---	---	19
20	---	---	0.089	0.005	0.114	0.059	0.002	0	0	0	---	---	20
21	---	---	0.085	0.004	0.097	0.049	0.001	0	0	0	---	---	21
22	---	---	0.081	0.006	0.084	0.017	0.001	0	0	0	---	---	22
23	---	---	0.072A	0.003	0.102	0.008	0.001	0	0	0	---	---	23
24	---	---	0.063E	0.003	0.086	0.001	0.103	0	0	0	---	---	24
25	---	---	0.056E	0.002	0.074	0.004	0.124	0	0.002	0	---	---	25
26	---	0 B	0.050A	0.002	0.063	0.005	0.095	0	0.002	0	---	---	26
27	---	0.040B	0.040E	0.001	0.050	0.004	0.085	0	0.001	0	---	---	27
28	---	0.126B	0.035E	0.001	0.037	0.003	0.096	0	0	0	---	---	28
29	---		0.028E	0.001	0.024	0.002	0.058	0	0	0	---	---	29
30	---		0.023E	0.001	0.012	0.003	0.038	0	0	0	---	---	30
31	---		0.019E		0.010		0.030	0		0		---	31
TOTAL	---	---	2.718	0.149	3.176	0.380	0.899	0.214	0.005	0.004	---	---	TOTAL
MEAN	---	---	0.088	0.005	0.102	0.013	0.023	0.007	0	0	---	---	MEAN
MAX	---	---	0.331	0.015	0.588	0.133	0.124	0.048	0.002	0.001	---	---	MAX
MIN	---	---	0.007	0.001	0	0.002	0.001	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.030
MAXIMUM DAILY 0.588 ON MAY 14
MINIMUM DAILY 0 ON MAY 2
MAXIMUM INSTANTANEOUS
0.956 AT 10 44 CST ON JUN 18

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 23 10 N
LONG 103 42 42 W
DRAINAGE AREA 209 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	60.4
FEB	---	AUG	18.5
MAR	235	SEP	0.43
APR	12.9	OCT	0.35
MAY	274	NOV	---
JUN	32.8	DEC	---

TOTAL DISCHARGE 634 dam³

JUMPING DEER CREEK NEAR LIPTON - STATION NO. 05JK004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.193	0.002	0.004	0	0.001	0	0	0.001B	---	1
2	---	---	0 B	0.133	0.001	0.002	0	0.001	0	0	0.001B	---	2
3	---	---	0 B	0.103	0.001	0.002	0	0	0	0	0.001B	---	3
4	---	---	0 B	0.138	0.004	0.001	0	0	0	0.001	0.001B	---	4
5	---	---	0 B	0.126	0.059	0.009	0	0	0	0.001	0.001B	---	5
6	---	---	0 B	0.148	0.231	0.001	0	0	0	0.001	0.001B	---	6
7	---	---	0 B	0.124	0.103	0	0	0	0	0.001	---	---	7
8	---	---	0 B	0.113	0.081	0	0	0	0	0.001	---	---	8
9	---	---	0 B	0.123	0.087	0	0	0	0	0.001	---	---	9
10	---	---	0 B	0.099	0.135	0	0	0	0	0.001	---	---	10
11	---	---	0 B	0.088	0.130	0	0.001	0	0	0.001	---	---	11
12	---	---	0 B	0.056	0.098	0	0.001	0	0	0.001	---	---	12
13	---	---	0.010B	0.050	0.087	0	0.001	0	0	0.001	---	---	13
14	---	---	1.20 B	0.047	0.073	0	0.001	0	0	0.001	---	---	14
15	---	---	1.60 B	0.050	0.074	0.001	0.001	0	0	0.001	---	---	15
16	---	---	1.30 B	0.052	0.073	0	0.001	0	0	0.001	---	---	16
17	---	---	1.15 B	0.062	0.072	0	0.001	0	0	0.001	---	---	17
18	---	---	0.646B	0.082	0.080	0	0.001	0	0	0.001	---	---	18
19	---	---	0.600B	0.044	0.081	0.001	0.001	0	0	0.001	---	---	19
20	---	---	0.398B	0.031	0.050	0.001	0.001	0	0	0.001	---	---	20
21	---	---	0.415B	0.024	0.046	0.001	0.001	0	0	0.001	---	---	21
22	---	---	0.467B	0.021	0.118	0.001	0.001	0	0	0.001	---	---	22
23	---	---	0.234B	0.009	0.067	0	0.001	0	0	0.001	---	---	23
24	---	---	0.271B	0.006	0.061	0	0.001	0	0	0.001	---	---	24
25	---	---	0.237B	0.006	0.044	0	0.001	0	0	0.001	---	---	25
26	---	---	0.273B	0.004	0.032	0	0.001	0	0	0.001	---	---	26
27	---	---	0.314B	0.003	0.026	0	0.001	0	0	0.001	---	---	27
28	---	---	0.389B	0.007	0.018	0	0.001	0	0	0.001	---	---	28
29	---		0.387	0.001	0.054	0	0.001	0	0	0.001B	---	---	29
30	---		0.333	0.001	0.028	0	0.001	0	0	0.001B	---	---	30
31	---		0.265		0.014		0.001	0		0.118		---	31
TOTAL	---	---	10.369	1.835	1.880	0.024	0.021	0.002	0	0.028	---	---	TOTAL
MEAN	---	---	0.334	0.065	0.064	0.001	0.001	0	0	0.001	---	---	MEAN
MAX	---	---	1.60	0.193	0.231	0.008	0.001	0.001	0	0.001	---	---	MAX
MIN	---	---	0	0.001	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.059
MAXIMUM DAILY 1.60B ON MAR 15
MINIMUM DAILY 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 55 10 N
LONG 103 53 57 W
DRAINAGE AREA 1 680 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 81
FEB	---	AUG	0 17
MAR	896	SEP	0
APR	187	OCT	2 42
MAY	171	NOV	---
JUN	2.07	DEC	---

TOTAL DISCHARGE 1 240 dam³

JUNCTION RESERVOIR NEAR MAPLE CREEK - STATION NO. 05HA063

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	753.742	754.519	754.871	754.690	754.880	753.969	754.580	754.429	756.205	756.583	---	1
2	---	753.749	754.560	754.873	754.615	754.809	753.970	754.579	754.420	756.243	756.585	---	2
3	---	753.751	754.590	754.892	754.520	754.769	753.966	754.575A	754.407	756.277	756.592	---	3
4	---	753.758	754.616	754.909	754.430	754.725	753.873	754.568A	754.406	756.294	756.600A	---	4
5	---	753.762	754.629	754.905	754.350	754.669	753.991	754.564	754.420	756.317	---	---	5
6	---	753.764	754.637	754.913	754.307	754.622	754.013	754.557	754.422	756.337	---	---	6
7	---	753.768	754.649	754.922	754.310	754.571	754.032	754.555	754.424	756.351	---	---	7
8	---	753.768	754.661	754.941	754.314	754.512	754.052	754.543	754.422	756.368	---	---	8
9	---	753.768	754.668	754.933	754.336	754.447	754.067	754.538	754.418	756.387	---	---	9
10	---	753.766	754.678	754.928	754.370	754.392	754.087	754.538A	754.424	756.398	---	---	10
11	---	753.766	754.688	754.923	754.390	754.319	754.118	754.534A	754.417	756.424	---	---	11
12	753.415A	753.762	754.700	754.923	754.422	754.255	754.159	754.527	754.411	756.445	---	---	12
13	753.461	753.765	754.710	754.929	754.464	754.206	754.209	754.522	754.416	756.459	---	---	13
14	753.515	753.759	754.719	754.933	754.495	754.150	754.259A	754.522A	754.419	756.477	---	---	14
15	753.553	753.757	754.729	754.943	754.520	754.094	754.290A	754.516A	754.421	756.496	---	---	15
16	753.574	753.759	754.737	754.935	754.548	754.042	754.339A	754.510	754.423	756.509	---	---	16
17	753.591	753.761A	754.746	754.935	754.568	754.005	754.478A	754.514	754.423	756.520	---	---	17
18	753.605	753.760E	754.756	754.937	754.598	753.974	754.546A	754.495	754.427	756.527	---	---	18
19	753.624	753.758A	754.769	754.935	754.619	753.972	754.587A	754.485	754.438	756.535	---	---	19
20	753.640	753.758A	754.782	754.943	754.637	753.972	754.605	754.484	754.445	756.540	---	---	20
21	753.653	753.756A	754.787	754.942	754.645	753.971	754.614	754.475	754.445	756.543	---	---	21
22	753.662	753.755E	754.790	754.942	754.669	753.969	754.619	754.474	754.448	756.548	---	---	22
23	753.685	753.754E	754.813	754.938	754.698	753.969	754.610	754.479	754.457	756.551	---	---	23
24	753.697	753.770E	754.807	754.945	754.783	753.967	754.612	754.468	754.457	756.558	---	---	24
25	753.707	753.850E	754.812	754.949	754.887	753.964	754.606	754.463	754.549	756.559	---	---	25
26	753.715	753.905A	754.826	754.940	754.951	753.961	754.607	754.461	754.795	736.565	---	---	26
27	753.723	754.250	754.836	754.942	754.971	753.955	754.606	754.458	755.555	756.564	---	---	27
28	753.728	754.433	754.840	754.915	754.976	753.952	754.602	754.455	755.969	756.564	---	---	28
29	753.728		754.845	754.842	754.988	753.959	754.593	754.449	756.092	756.563	---	---	29
30	753.735		754.854	754.768	754.979	753.967	754.583	754.439	756.182	756.565	---	---	30
31	753.739		754.860		754.928		754.584	754.430		756.574		---	31
MEAN	---	753.810	754.729	754.918	754.612	754.234	754.334	754.508	754.645	756.460	---	---	MEAN
MAX	---	754.433	754.860	754.949	754.988	754.880	754.619	754.580	756.182	756.574	---	---	MAX
MIN	---	753.742	754.519	754.768	754.307	753.952	753.966	754.430	754.406	756.205	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 10 N
LONG 109 31 05 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA
1 230 km²

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM
APPLY -10.415 m ADJUSTMENT TO CONVERT TO RECLAMATION SERVICE OF CANADA DATUM

KATEPWA LAKE AT KATEPWA BEACH - STATION NO. 05JL004

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	478.333	478.319	478.327	478.290	478.261	478.251	478.237	478.234	478.178	478.206	478.295	478.278	1
2	478.336	478.317	478.331	478.284	478.254	478.252	478.235	478.229	478.178	478.208	478.297	478.286	2
3	478.337	478.318	478.338	478.283	478.255	478.254	478.238	478.230	478.187	478.208	478.302	478.285	3
4	478.335	478.317	478.345	478.281	478.257	478.247	478.237	478.232	478.181	478.214	478.305	478.279	4
5	478.337	478.314	478.349	478.278	478.284	478.248	478.260	478.233	478.171	478.213	478.309	478.283	5
6	478.333	478.319	478.345	478.277	478.310	478.252	478.257	478.235	478.166	478.219	478.311	478.281	6
7	478.336	478.318	478.339	478.276	478.303	478.252	478.246	478.231	478.166	478.224	478.308	478.283	7
8	478.337	478.316	478.341	478.275	478.296	478.244	478.246	478.228	478.160	478.227	478.311	478.283	8
9	478.340	478.314	478.341	478.274	478.301	478.254	478.242	478.225	478.160	478.234	478.301	478.281	9
10	478.338	478.313	478.341	478.268	478.312	478.259	478.244	478.217	478.158	478.249	478.294	478.280	10
11	478.339	478.316	478.339	478.271	478.307	478.260	478.255	478.215	478.164	478.247	478.292	478.283	11
12	478.340	478.314	478.338	478.270	478.309	478.262	478.261	478.215	478.168	478.250	478.284	478.280	12
13	478.339	478.317	478.338	478.266	478.299	478.248	478.264	478.216	478.162	478.259	478.286	478.267	13
14	478.339	478.313	478.337	478.272	478.293	478.242	478.267	478.216	478.162	478.263	478.290	478.287	14
15	478.338	478.314	478.339	478.266	478.288	478.247	478.264	478.215	478.159	478.267	478.288	478.284	15
16	478.338	478.316	478.349	478.263	478.286	478.246	478.260	478.210	478.158	478.270	478.290	478.285	16
17	478.336	478.318	478.353	478.270	478.275	478.248	478.265	478.202	478.162	478.274	478.288	478.285	17
18	478.336	478.315	478.359	478.272	478.274	478.246	478.267	478.199	478.157	478.276	478.287	478.286	18
19	478.335	478.313	478.359	478.267	478.271	478.251	478.259	478.204	478.159	478.277	478.291	478.285	19
20	478.334	478.311	478.358	478.262	478.268	478.248	478.253	478.197	478.166	478.278	478.289	478.288	20
21	478.328	478.314	478.351	478.258	478.260	478.248	478.251	478.186	478.172	478.279	478.290	478.289	21
22	478.327	478.312	478.347	478.260	478.256	478.250	478.247	478.186	478.177	478.279	478.287	478.292	22
23	478.323	478.315	478.332	478.264	478.260	478.242	478.248	478.179	478.177	478.283	478.286	478.295	23
24	478.322	478.316	478.323	478.265	478.260	478.238	478.242	478.185	478.177	478.286	478.287	478.296	24
25	478.322	478.318	478.317	478.262	478.259	478.239	478.237	478.190	478.176	478.291	478.283	478.298	25
26	478.315	478.322	478.310	478.264	478.258	478.241	478.238	478.185	478.182	478.297	478.271	478.300	26
27	478.319	478.322	478.306	478.264	478.252	478.235	478.237	478.185	478.186	478.297	478.278	478.303	27
28	478.321	478.323	478.306	478.266	478.255	478.235	478.244	478.184	478.192	478.300	478.274	478.303	28
29	478.320		478.304	478.265	478.254	478.228	478.242	478.182	478.197	478.294	478.277	478.304	29
30	478.318		478.302	478.267	478.254	478.231	478.244	478.183	478.201	478.289	478.274	478.308	30
31	478.317		478.301		478.257		478.235	478.183		478.300		478.312	31
MEAN	478.331	478.316	478.334	478.270	478.275	478.247	478.249	478.207	478.172	478.260	478.291	478.289	MEAN
MAX	478.340	478.323	478.359	478.290	478.312	478.262	478.267	478.235	478.201	478.300	478.311	478.312	MAX
MIN	478.315	478.311	478.301	478.258	478.252	478.228	478.235	478.179	478.157	478.206	478.271	478.279	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN 478.270
MAXIMUM DAILY 478.359 ON MAR 18
MINIMUM DAILY 478.157 ON SEP 18
MAXIMUM INSTANTANEOUS
478.383 AT 17 20 CST ON MAR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 34 N
LONG 103 37 15 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KEELEY RIVER AT OUTLET OF KEELEY LAKE - STATION NO. 08BB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.45	1.47	1.40	1.38E	2.26E	6.99	5.68	10.1	6.98	4.03	3.09	2.65	1
2	1.49	1.45	1.38	1.41E	2.31E	7.11	5.58	10.4	6.99	4.02	2.95	2.64	2
3	1.50	1.47	1.37	1.43E	2.39E	7.19	5.79	10.7	6.76	4.05	2.84	2.62	3
4	1.49	1.48	1.37	1.45E	2.47E	7.05	6.39	10.9	6.40	3.79A	2.84	2.64	4
5	1.47	1.47	1.38	1.46E	2.52E	7.04	5.74	11.1	6.26	3.74E	2.92	2.63	5
6	1.47	1.48	1.36	1.47E	2.60E	6.99	5.70	11.1	6.18	3.71E	2.88	2.58	6
7	1.47	1.46	1.37	1.49E	2.68E	6.91	5.62	11.1	6.12	3.68E	2.71	2.60	7
8	1.47	1.45	1.37E	1.51E	2.79E	6.90	5.58	11.0	5.95	3.66E	2.84	2.59	8
9	1.44	1.43	1.37E	1.53E	2.89E	6.86	5.52	10.9	5.87	3.63E	2.74	2.57	9
10	1.45	1.44	1.37E	1.55E	2.98E	6.77	5.43	10.8	5.72	3.61E	2.87	2.58	10
11	1.46	1.44	1.37E	1.57E	3.05E	6.71	5.45	10.8	5.52	3.60E	2.83	2.66	11
12	1.43	1.43	1.37E	1.59E	3.16A	6.89	5.49	10.6	5.44	3.59E	2.83	2.84	12
13	1.42	1.41	1.36E	1.62E	3.21	6.65	5.47	10.4	5.38	3.57E	2.82	2.58	13
14	1.44	1.43	1.36E	1.64E	3.32	6.57	5.48	10.4	5.21	3.55E	2.78	2.62	14
15	1.42	1.41	1.36E	1.66E	3.82	6.43	5.67	10.2	5.08	3.54E	2.81	2.59	15
16	1.41	1.42	1.35E	1.68E	4.05	6.36	5.94	9.71	4.99	3.53E	2.72	2.58	16
17	1.40	1.40	1.35E	1.72E	4.04	6.27	6.02	9.59	4.91	3.52E	2.75	2.56	17
18	1.40	1.41	1.35E	1.75E	4.13	6.21	6.62	9.38	4.80	3.51E	2.75	2.58	18
19	1.41	1.40	1.35E	1.78E	4.23	6.85	6.88	9.32	4.77	3.50E	2.74	2.57	19
20	1.46	1.39	1.34E	1.81E	4.39	6.66	7.18	9.06	4.69	3.49A	2.71	2.56	20
21	1.46	1.40	1.34E	1.83E	4.62	6.47	7.56	8.85	4.60	3.36	2.74	2.56	21
22	1.45	1.39	1.34E	1.87E	5.02	6.17	8.01	8.66	4.57	3.35	2.73	2.54	22
23	1.46	1.39	1.34E	1.91E	5.46	6.05	8.30	8.46	4.41	3.39	2.72	2.51	23
24	1.49	1.39	1.34E	1.95E	5.89	6.20	8.45	8.19	4.30	3.36	2.69	2.47	24
25	1.48	1.40	1.34E	1.98E	6.30	6.27	8.63	7.94	4.18	3.29	2.71	2.49	25
26	1.45	1.40	1.34E	2.01E	6.67	6.25	8.68	7.80	4.18	3.29	2.69	2.47	26
27	1.48	1.38	1.35E	2.07E	6.77	6.01	8.59	7.71	4.26	3.21	2.69	2.45	27
28	1.52	1.39	1.35E	2.12E	6.68	5.87	9.13	7.61	4.27	3.21	2.67	2.47	28
29	1.49		1.36E	2.16E	6.55	5.83	9.27	7.52	4.25	3.08	2.69	2.49	29
30	1.48		1.37E	2.20E	6.97	5.75	9.94	7.33	4.16	3.11	2.67	2.42	30
31	1.47		1.37E		6.98		9.98	7.20		3.01		2.43	31
TOTAL	45.18	39.89	42.14	51.60	131.80	196.28	213.77	294.83	157.21	108.96	83.20	79.34	TOTAL
MEAN	1.46	1.42	1.36	1.72	4.25	6.54	6.90	9.51	5.24	3.51	2.77	2.56	MEAN
MAX	1.52	1.49	1.40	2.20	6.98	7.19	9.98	11.1	6.99	4.05	3.09	2.66	MAX
MIN	1.40	1.38	1.34	1.38	2.26	5.75	5.43	7.20	4.16	3.01	2.66	2.42	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.58
MAXIMUM DAILY, 11.1 ON AUG 5
MINIMUM DAILY, 1.34E ON MAR 20
MAXIMUM INSTANTANEOUS,
11.2 AT 22 20 CST ON AUG 6

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 10 N
LONG 108 03 20 W
DRAINAGE AREA, 1 020 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 900	JUL	18 500
FEB	3 450	AUG	25 500
MAR	3 640	SEP	13 800
APR	4 460	OCT	9 410
MAY	11 400	NOV	7 180
JUN	17 000	DEC	6 850

TOTAL DISCHARGE, 125 000 dam³

KELSEY CREEK NEAR GARRICK - STATION NO. 05KE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.297	0.071	0.006	0	0	0	---	---	1
2	---	---	0B	0 B	0.275	0.056	0	0	0	0	---	---	2
3	---	---	0B	0.018B	0.254	0.040	0	0	0	0	---	---	3
4	---	---	0B	0.164B	0.237	0.035	0	0	0	0	---	---	4
5	---	---	0B	0.339B	0.257	0.024	0	0	0	0	---	---	5
6	---	---	0B	5.71	0.240	0.023	0	0	0	0	---	---	6
7	---	---	0B	6.27	0.218A	0.016	0	0	0	0	---	---	7
8	---	---	0B	4.26	0.180E	0.023	0	0	0	0	---	---	8
9	---	---	0B	3.02	0.500E	0.018	0	0	0	0	---	---	9
10	---	---	0B	2.06	0.640E	0.017	0	0	0	0	---	---	10
11	---	---	0B	1.20 A	0.818E	0.017	0	0	0	0	---	---	11
12	---	---	0B	0.802A	0.220E	0.024	0	0	0	0	---	---	12
13	---	---	0B	0.601E	0.300E	0.030	0	0	0	0	---	---	13
14	---	---	0B	0.468E	0.488E	0.026	0	0	0	0	---	---	14
15	---	---	0B	0.408A	0.480E	0.020	0	0	0	0	---	---	15
16	---	---	0B	0.476	0.440E	0.008	0	0	0	0	---	---	16
17	---	---	0B	0.815	0.380E	0.007	0	0	0	0	---	---	17
18	---	---	0B	1.08	0.292E	0.018	0	0	0	0	---	---	18
19	---	---	0B	0.965	0.260E	0.029	0	0	0	0	---	---	19
20	---	---	0B	0.809	0.238E	0.027	0	0	0	0	---	---	20
21	---	---	0B	0.601	0.228E	0.026	0	0	0	0	---	---	21
22	---	---	0B	0.543	0.217E	0.025	0	0	0	0	---	---	22
23	---	---	0B	0.531	0.208E	0.028	0	0	0	0	---	---	23
24	---	---	0B	0.485	0.198E	0.028	0	0	0	0	---	---	24
25	---	---	0B	0.434	0.188E	0.028	0	0	0	0	---	---	25
26	---	---	0B	0.401	0.182E	0.028	0	0	0	0	---	---	26
27	---	---	0B	0.351	0.176E	0.030	0	0	0	0	---	---	27
28	---	---	0B	0.351	0.168A	0.030	0	0	0	0	---	---	28
29	---		0B	0.311	0.184	0.027	0	0	0	0	---	---	29
30	---		0B	0.289	0.132	0.018	0	0	0	0	---	---	30
31	---		0B		0.103		0	0	0	0	---	---	31
TOTAL	---	---	0	33.752	8.988	0.787	0.006	0	0	0	---	---	TOTAL
MEAN	---	---	0	1.13	0.290	0.027	0	0	0	0	---	---	MEAN
MAX	---	---	0	6.27	0.818	0.071	0.006	0	0	0	---	---	MAX
MIN	---	---	0	0	0.103	0.007	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.178
MAXIMUM DAILY, 6.27 ON APR 7
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
10.3 AT 19 05 CST ON APR 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 28 53 N
LONG 104 19 33 W
DRAINAGE AREA, 156 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0.52
FEB	---	AUG	0
MAR	0	SEP	0
APR	2 920	OCT	0
MAY	777	NOV	---
JUN	88.8	DEC	---

TOTAL DISCHARGE, 3 770 dam³

KENOSEE LAKE NEAR CARLYLE - STATION NO. 05ND009

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	738.378E	738.398	738.437	738.353	738.362	738.256	738.266	738.236E	---	1
2	---	---	---	738.378A	738.387	738.432	738.351	738.358	738.254	738.268	738.235E	---	2
3	---	---	---	738.379E	738.395	738.430	738.347	738.356	738.250	738.271	738.236A	---	3
4	---	---	738.342A	738.380E	738.392	738.425	738.344	738.353	738.243	738.267	---	---	4
5	---	---	---	738.381E	738.411	738.419	738.377	738.351	738.237	738.265	---	---	5
6	---	---	---	738.383E	738.448	738.414	738.372	738.358	738.232	738.264	---	---	6
7	---	---	---	738.384E	738.457	738.410	738.366	738.370	738.230	738.261	---	---	7
8	---	---	---	738.385E	738.456	738.404	738.366	738.368	738.224	738.262	---	---	8
9	---	---	---	738.386E	738.470	738.402	738.363	738.360	738.221	738.263	---	---	9
10	---	---	---	738.387E	738.487	738.400	738.361	738.355	738.220	738.259	---	---	10
11	---	---	---	738.388E	738.488	738.397	738.360	738.351	738.225	738.257	---	---	11
12	---	---	---	738.390E	738.491	738.391	738.366	738.346	738.225	738.255	---	---	12
13	---	---	---	738.391E	738.490	738.385	738.370	738.345	738.225	738.254	---	---	13
14	---	---	---	738.392E	738.494	738.379	738.393	738.343	738.224	738.251	---	---	14
15	---	---	---	738.393E	738.486	738.377	738.382	738.339	738.221	738.252	---	---	15
16	---	---	---	738.394E	738.490	738.379	738.387	738.334	738.218	738.251	---	---	16
17	---	---	---	738.395E	738.488	738.366	738.381	738.329	738.219	738.251	---	---	17
18	---	---	738.378A	738.396E	738.486	738.363	738.389	738.322	738.218	738.251	---	---	18
19	---	---	---	738.398E	738.484	738.386	738.379	738.318	738.221	738.250	---	---	19
20	---	---	---	738.399E	738.481	738.395	738.375	738.308	738.227	738.250	---	---	20
21	---	---	---	738.400A	738.478	738.394	738.375	738.304	738.234	738.250	---	---	21
22	---	---	---	738.401	738.469	738.388	738.376	738.297	738.234	738.247	---	---	22
23	---	---	---	738.405	738.466	738.383	738.378	738.293	738.233	738.248	---	---	23
24	---	---	---	738.404	738.463	738.379	738.373	738.288	738.227	738.246	---	---	24
25	---	---	---	738.401	738.463	738.374	738.370	738.285	738.252	738.246	---	---	25
26	---	---	---	738.391B	738.459	738.371	738.366	738.281	738.270	738.244	---	---	26
27	---	---	---	738.401D	738.457	738.368	738.370	738.277	738.270	738.244	---	---	27
28	---	---	---	738.391B	738.457	738.863	738.380	738.275	738.269	738.240	---	---	28
29	---		---	738.394B	738.455	738.357	738.374	738.269	738.268	738.237	---	---	29
30	---		---	738.397	738.449	738.355	738.366	738.260	738.267	738.236A	---	---	30
31	---		---		738.443		738.361	738.256		738.236E		---	31
MEAN	---	---	---	738.392	738.460	738.391	738.371	738.323	738.237	738.253	---	---	MEAN
MAX	---	---	---	738.405	738.496	738.437	738.393	738.370	738.270	738.271	---	---	MAX
MIN	---	---	---	738.378	738.392	738.355	738.344	738.256	738.218	738.236	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

A - MANUAL GAUGE

E - ESTIMATED

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 55 N
LONG 102 17 28 W

MAXIMUM DAILY, 738.496 ON MAY 15
MINIMUM DAILY, 738.218 ON SEP 18
MAXIMUM INSTANTANEOUS,
738.499 AT 04 07 CST ON MAY 15

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KIPABISKAU LAKE NEAR MCNAGUE - STATION NO. 05LA007

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	513.329	513.627	513.584	513.452	513.466	---	513.535	513.516	---	1
2	---	---	---	513.460	513.618	513.584	513.452	513.461	---	513.538	513.515	---	2
3	---	---	---	513.580	513.616	513.582	513.453	513.466	---	513.536	513.515	---	3
4	---	---	---	513.629	513.628	513.569	513.453	513.466	---	513.534	513.520	---	4
5	---	---	---	513.686	513.627	513.560	513.451	513.467	---	513.532	513.519	---	5
6	---	---	---	513.730	513.626	513.556	513.449	513.475	---	513.530	513.520	---	6
7	---	---	---	513.786	513.625	513.544	513.446	513.476	---	513.528	513.521	---	7
8	---	---	---	513.787	513.623	513.542	513.433	513.478	---	513.527	513.522	---	8
9	---	---	---	513.788	513.622	513.530	513.431	513.483	---	513.527	513.527	---	9
10	---	---	---	513.790	513.628	513.526	513.429	513.485	---	513.526	---	---	10
11	---	---	---	513.808	513.628	513.520	513.433	513.485	---	513.525	---	---	11
12	---	---	---	513.808	513.628	513.517	513.435	513.485	---	513.525	---	---	12
13	---	---	---	513.808	513.628	513.517	513.435	513.476	---	513.525	---	---	13
14	---	---	---	513.784	513.627	513.513	513.435	513.466	---	513.524	---	---	14
15	---	---	---	513.784	513.618	513.511	513.447	513.465	---	513.524	---	---	15
16	---	---	---	513.784	513.625	513.510	513.452	513.466	---	513.524	---	---	16
17	---	---	---	513.760	513.627	513.510	513.458	513.467	---	513.523	---	---	17
18	---	---	---	513.759	513.614	513.499	513.471	513.472	---	513.521	---	---	18
19	---	---	---	513.758	513.604	513.494	513.479	513.479	---	513.520	---	---	19
20	---	---	---	513.757	513.597	513.490	513.478	513.493	---	513.518	---	---	20
21	---	---	---	513.650	513.595	513.484	513.477	513.496	---	513.520	---	---	21
22	---	---	---	513.669	513.595	513.484	513.476	513.515	---	513.521	---	---	22
23	---	---	---	513.671	513.591	513.481	513.473	513.532	---	513.523	---	---	23
24	---	---	---	513.673	513.587	513.475	513.469	513.538	---	513.522	---	---	24
25	---	---	---	513.664	513.586	513.473	513.486	513.563	---	513.520	---	---	25
26	---	---	---	513.680	513.529	513.471	513.484	513.565	---	513.518	---	---	26
27	---	---	---	513.658	513.514	513.467	513.462	513.575	---	513.515	---	---	27
28	---	---	---	513.654	513.505	513.462	513.470	513.579	---	513.517	---	---	28
29	---	---	---	513.650	513.498	513.458	513.469	513.585	---	513.517	---	---	29
30	---	---	---	513.654	513.491	513.452	513.446	513.586	---	513.517	---	---	30
31	---	---	---		513.489		513.465	513.579		513.516	---	---	31
MEAN	---	---	---	513.688	513.594	513.512	513.455	513.503	---	513.524	---	---	MEAN
MAX	---	---	---	513.808	513.628	513.584	513.479	513.586	---	513.539	---	---	MAX
MIN	---	---	---	513.329	513.489	513.452	513.429	513.461	---	513.515	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 34 16 N
LONG 104 11 04 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

MAXIMUM DAILY, 513.808 ON APR 11

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KNOX COULEE NEAR TUXFORD - STATION NO. 05JG015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.003B	0.001	0	0	0	0	0	0	---	---	1
2	---	0 B	0.010B	0.001	0	0	0	0	0	0	---	---	2
3	---	0 B	0.094B	0.001	0	0	0	0	0	0	---	---	3
4	---	0 B	0.046B	0.001	0	0	0	0	0	0	---	---	4
5	---	0 B	0.018B	0.001	0.001	0	0	0	0	0	---	---	5
6	---	0 B	0.006B	0	0.001	0	0	0	0	0	---	---	6
7	---	0 B	0.005B	0	0	0	0	0	0	0	---	---	7
8	---	0 B	0.003B	0	0	0	0	0	0	0	---	---	8
9	---	0 B	0.003B	0	0.001	0	0	0	0	0	---	---	9
10	---	0 B	0.003B	0	0.001	0	0	0	0	0	---	---	10
11	---	0 B	0.002B	0	0.001	0	0	0	0	0	---	---	11
12	---	0 B	0.002B	0	0	0	0	0	0	0	---	---	12
13	---	0 B	0.002B	0	0	0	0	0	0	0	---	---	13
14	---	0 B	0.002B	0	0	0	0	0	0	0	---	---	14
15	---	0 B	0.002B	0	0	0	0	0	0	0	---	---	15
16	---	0 B	0.002B	0	0	0	0	0	0	0	---	---	16
17	---	0 B	0.003B	0	0	0	0	0	0	0	---	---	17
18	---	0 B	0.003B	0	0	0	0	0	0	0	---	---	18
19	---	0 B	0.003B	0	0	0	0	0	0	0	---	---	19
20	---	0 B	0.002B	0	0	0	0	0	0	0	---	---	20
21	---	0 B	0.002B	0	0	0	0	0	0	0	---	---	21
22	---	0 B	0.002B	0	0	0	0	0	0	0	---	---	22
23	---	0 B	0.001B	0	0	0	0	0	0	0	---	---	23
24	---	0 B	0.002B	0	0	0	0	0	0	0	---	---	24
25	---	0 B	0.002B	0	0	0	0	0	0	0	---	---	25
26	---	0 B	0.002B	0	0	0	0	0	0	0	---	---	26
27	---	0.001B	0.002B	0	0	0	0	0	0	0	---	---	27
28	---	0.002B	0.002	0	0	0	0	0	0	0	---	---	28
29	---		0.002	0	0	0	0	0	0	0	---	---	29
30	---		0.001	0	0	0	0	0	0	0	---	---	30
31	---		0.001		0		0	0		0		---	31
TOTAL	---	0.003	0.231	0.005	0.005	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.007	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.002	0.094	0.001	0.001	0	0	0	0	0	---	---	MAX
MIN	---	0	0.001	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.094B ON MAR 3
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
0.094B AT 11:10 CST ON MAR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 41 N
LONG 105 36 05 W
DRAINAGE AREA, 24.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0.26	AUG	0
MAR	20.0	SEP	0
APR	0.43	OCT	0
MAY	0.43	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE 21.1 dam³

KOHLESCHMIDT CREEK NEAR ROSTHERN - STATION NO. 05HH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.53	0.001	0	0	0	0	0	0	---	1
2	---	---	0 B	0.979	0.001	0	0	0	0	0	0	---	2
3	---	---	0 B	0.678	0.001	0	0	0	0	0	0	---	3
4	---	---	0 B	0.552	0.001	0	0	0	0	0	---	---	4
5	---	---	0 B	0.486	0.007	0	0	0	0	0	---	---	5
6	---	---	0 B	0.441	0.001	0	0	0	0	0	---	---	6
7	---	---	0 B	0.342	0.001	0	0	0	0	0	---	---	7
8	---	---	0 B	0.245	0.001	0	0	0	0	0	---	---	8
9	---	---	0 B	0.181	0.001	0	0	0	0	0	---	---	9
10	---	---	0 B	0.178	0.001	0	0	0	0	0	---	---	10
11	---	---	0 B	0.134B	0.013	0	0	0	0	0	---	---	11
12	---	---	0 B	0.111B	0.012	0	0	0	0	0	---	---	12
13	---	---	0 B	0.092B	0.002	0	0	0	0	0	---	---	13
14	---	---	0 B	0.071B	0.001	0	0	0	0	0	---	---	14
15	---	---	0 B	0.047B	0.010	0	0	0	0	0	---	---	15
16	---	---	0 B	0.032	0.001	0	0	0	0	0	---	---	16
17	---	---	0.010B	0.021	0.001	0	0	0	0	0	---	---	17
18	---	---	0.007B	0.011	0.001	0	0	0	0	0	---	---	18
19	---	---	0.005B	0.011	0.001	0	0	0	0	0	---	---	19
20	---	---	0.150B	0.031	0.015	0	0	0	0	0	---	---	20
21	---	---	0.682B	0.029	0.003	0	0	0	0	0	---	---	21
22	---	---	0.663B	0.033	0	0	0	0	0	0	---	---	22
23	---	---	0.275B	0.037	0	0	0	0	0	0	---	---	23
24	---	---	0.281B	0.017	0	0	0	0	0	0	---	---	24
25	---	---	0.230B	0.012	0	0	0	0	0	0	---	---	25
26	---	---	0.200B	0.017	0	0	0	0	0	0	---	---	26
27	---	---	0.278B	0.016	0	0	0	0	0	0	---	---	27
28	---	---	0.755B	0.014	0	0	0	0	0	0	---	---	28
29	---		3.02 B	0.001	0	0	0	0	0	0	---	---	29
30	---		3.63 B	0.001	0	0	0	0	0	0	---	---	30
31	---		2.25		0		0	0		0		---	31
TOTAL	---	---	12.436	5.361	0.076	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.401	0.212	0.002	0	0	0	0	0	---	---	MEAN
MAX	---	---	3.63	1.53	0.015	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.077
MAXIMUM DAILY, 3.63B ON MAR 30
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.07B AT 00:05 CST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 44 50 N
LONG 106 22 05 W
DRAINAGE AREA, 360 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1 070	SEP	0
APR	550	OCT	0
MAY	5.57	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE 1 630 dam³

LAC DES ILES NEAR GOODSOIL - STATION NO. 06AF009

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	26.355	26.486	26.872	---	---	---	---	1
2	---	---	---	---	---	26.355	26.490	26.880	---	---	---	---	2
3	---	---	---	---	---	26.355	26.514	26.902	---	---	---	---	3
4	---	---	---	---	---	26.355	26.516	26.926	---	---	---	---	4
5	---	---	---	---	---	26.355	26.518	26.928	---	---	---	---	5
6	---	---	---	---	---	26.355	26.522	26.925	---	---	---	---	6
7	---	---	---	---	---	26.357	26.524	26.940	---	---	---	---	7
8	---	---	---	---	---	26.361	26.528	26.945	---	---	---	---	8
9	---	---	---	---	---	26.363	26.530	26.950	---	---	---	---	9
10	---	---	---	---	---	26.363	26.540	26.950	---	---	---	---	10
11	---	---	---	---	---	26.365	26.550	26.952	---	---	---	---	11
12	---	---	---	---	---	26.367	26.550	26.956	---	---	---	---	12
13	---	---	---	---	---	26.375	26.574	26.961	---	---	---	---	13
14	---	---	---	---	---	26.377	26.592	26.959	---	---	---	---	14
15	---	---	---	---	---	26.377	26.594	26.955	---	---	---	---	15
16	---	---	---	---	---	26.377	26.608	26.949	---	---	---	---	16
17	---	---	---	---	---	26.377	26.674	26.947	---	---	---	---	17
18	---	---	---	---	---	26.377	26.686	26.947	---	---	---	---	18
19	---	---	---	---	---	26.421	26.694	26.947	---	---	---	---	19
20	---	---	---	---	---	26.421	26.698	26.947	---	---	---	---	20
21	---	---	---	---	---	26.427	26.720	26.945	---	---	---	---	21
22	---	---	---	---	26.287	26.435	26.730	26.941	---	---	---	---	22
23	---	---	---	---	26.303	26.435	26.738	26.937	---	---	---	---	23
24	---	---	---	---	26.305	26.451	26.744	26.935	---	---	---	---	24
25	---	---	---	---	26.319	26.453	26.752	26.931	---	---	---	---	25
26	---	---	---	---	26.323	26.461	26.758	26.927	---	---	---	---	26
27	---	---	---	---	26.333	26.467	26.762	26.924	---	---	---	---	27
28	---	---	---	---	26.335	26.473	26.778	26.924	---	---	---	---	28
29	---		---	---	26.345	26.480	26.820	26.924E	---	26.509	---	---	29
30	---		---	---	26.349	26.482	26.844	26.924	---	---	---	---	30
31	---		---		26.353		26.858	26.918		---		---	31
MEAN	---	---	---	---	---	26.399	26.642	26.935	---	---	---	---	MEAN
MAX	---	---	---	---	---	26.482	26.858	26.961	---	---	---	---	MAX
MIN	---	---	---	---	---	26.355	26.486	26.872	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 26.961 ON AUG 13

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 26 27 N
LONG 109 18 51 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAC LA RONGE AT LA RONGE - STATION NO. 06CB001

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	364.063	364.075	364.075	364.078	364.125	364.297	364.352	364.412	364.318	364.190	364.050	364.004	1
2	364.067	364.075	364.077	364.079	364.125	364.289	364.351	364.416	364.304	364.191	364.073	364.003	2
3	364.064	364.074	364.075	364.080	364.127	364.290	364.319	364.413	364.282	364.171	364.069	364.005	3
4	364.064	364.076	364.079	364.080	364.121	364.301	364.334	364.413	364.297	364.160	364.056	364.006	4
5	364.065	364.072	364.074	364.085	364.127	364.302	364.347	364.413	364.294	364.161	364.051	364.004	5
6	364.066	364.072	364.075	364.080	364.128	364.295	364.342	364.412	364.278	364.177	364.055	364.006	6
7	364.066	364.075	364.078	364.080	364.134	364.296	364.348	364.399	364.282	364.164	364.087	364.015	7
8	364.064	364.075	364.081	364.085	364.138	364.304	364.348	364.405	364.288	364.161	364.054	364.014	8
9	364.065	364.074	364.082	364.081	364.136	364.305	364.355	364.415	364.277	364.148	364.030	364.016	9
10	364.066	364.075	364.081	364.078	364.153	364.311	364.358	364.409	364.284	364.124	364.026	364.015	10
11	364.060	364.076	364.083	364.075	364.159	364.302	364.354	364.407	364.282	364.141	364.017	364.012	11
12	364.065	364.076	364.084	364.077	364.172	364.301	364.356	364.403	364.255	364.132	364.009	364.014	12
13	364.065	364.075	364.084	364.083	364.185	364.305	364.358	364.394	364.247	364.137	364.024	364.005	13
14	364.057	364.074	364.083	364.082	364.191	364.307	364.353	364.393	364.243	364.133	364.018	364.005	14
15	364.068	364.074	364.081	364.083	364.214	364.320	364.356	364.374	364.245	364.125	364.021	364.003	15
16	364.065	364.075	364.082	364.081	364.224	364.325	364.371	364.371	364.240	364.128	364.017	364.003	16
17	364.065	364.076	364.080	364.082	364.236	364.329	364.370	364.381	364.232	364.128	364.015	364.000	17
18	364.070	364.076	364.081	364.085	364.243	364.326	364.361	364.378	364.233	364.117	364.014	363.985	18
19	364.070	364.077	364.079	364.087	364.246	364.324	364.370	364.356	364.227	364.118	364.014	363.997	19
20	364.066	364.077	364.079	364.091	364.252	364.315	364.358	364.367	364.223	364.120	364.014	363.997	20
21	364.070	364.077	364.081	364.094	364.257	364.314	364.367	364.364	364.225	364.118	364.012	363.995	21
22	364.073	364.077	364.075	364.093	364.258	364.324	364.366	364.365	364.217	364.118	364.009	363.994	22
23	364.077	364.078	364.080	364.091	364.260	364.338	364.354	364.366	364.215	364.112	364.011	363.999	23
24	364.075	364.082	364.083	364.089	364.262	364.340	364.364	364.349	364.242	364.110	364.010	363.993	24
25	364.072	364.081	364.083	364.100	364.272	364.341	364.364	364.355	364.260	364.109	364.010	363.997	25
26	364.077	364.078	364.084	364.102	364.277	364.338	364.367	364.350	364.248	364.102	364.012	363.998	26
27	364.073	364.080	364.076	364.104	364.277	364.338	364.374	364.341	364.211	364.101	364.012	363.992	27
28	364.071	364.080	364.073	364.109	364.278	364.349	364.379	364.338	364.203	364.089	364.010	363.990	28
29	364.070		364.074	364.122	364.287	364.346	364.383	364.333	364.194	364.088	364.009	363.990	29
30	364.074		364.077	364.123	364.292	364.347	364.396	364.318	364.188	364.077	364.008	363.986	30
31	364.076		364.078		364.287		364.400	364.315		364.055		363.986	31
MEAN	364.068	364.076	364.079	364.089	364.208	364.317	364.360	364.378	364.251	364.129	364.028	364.001	MEAN
MAX	364.077	364.082	364.084	364.123	364.292	364.349	364.400	364.415	364.318	364.191	364.087	364.016	MAX
MIN	364.060	364.072	364.073	364.075	364.121	364.289	364.319	364.315	364.188	364.055	364.008	363.986	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 364.165
MAXIMUM DAILY, 364.415 ON AUG 2
MINIMUM DAILY, 363.986 ON DEC 30
MAXIMUM INSTANTANEOUS,
364.471 AT 22:33 CST ON JUL 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 05 50 N
LONG 105 16 10 W

REGULATED SINCE 1968

DRAINAGE AREA,
15 500 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEUOS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

LAC PELLETIER NEAR VESPER - STATION NO. 05MD026

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	828.763	828.876E	828.888E	829.000E	828.935E	828.761	828.738E	828.795E	---	---	1
2	---	---	828.772E	828.876	828.889	828.998	828.931E	828.781E	828.735E	828.804	---	---	2
3	---	---	828.781E	828.877E	828.891E	828.996E	828.927E	828.811E	828.738E	---	---	---	3
4	---	---	828.790E	828.878	828.894E	828.994	828.923E	828.843	828.737E	---	---	---	4
5	---	---	828.798	828.878E	828.957E	828.989E	828.919E	828.847E	828.736E	---	828.824	---	5
6	---	---	828.803E	828.879E	828.957	828.984	828.915E	828.851	828.736E	---	---	---	6
7	---	---	828.808E	828.878	828.956E	828.978E	828.910	828.851E	828.735E	---	---	---	7
8	---	---	828.813	828.879E	828.957	829.014E	828.909E	828.851	828.735E	---	---	---	8
9	---	---	828.814E	828.880	828.956E	829.008	828.908	828.850E	828.734E	---	---	---	9
10	---	---	828.817E	828.887	829.000	829.005E	828.910E	828.848E	828.734E	---	---	---	10
11	---	---	828.819E	828.877	829.000E	829.002	828.911	828.843	828.733E	---	---	---	11
12	---	---	828.821E	828.878E	829.000	828.997E	828.910E	828.836E	828.733E	---	---	---	12
13	---	---	828.824E	828.879E	828.999	828.990	828.909E	828.831	828.732E	---	---	---	13
14	---	---	828.828E	828.880	828.998	828.986E	828.907	828.824E	828.732E	---	---	---	14
15	---	---	828.828	828.881E	828.995E	828.992E	828.959E	828.820	828.731E	---	---	---	15
16	---	---	828.831E	828.883	828.992	828.998	828.995	828.814E	828.731E	---	---	---	16
17	---	---	828.835E	828.882E	828.993E	828.996E	828.998E	828.810E	828.730	---	---	---	17
18	---	---	828.838E	828.881	828.993E	828.994	829.001	828.806	828.730E	---	---	---	18
19	---	---	828.842E	828.882E	828.994	828.989E	828.989E	828.794E	828.730E	---	---	---	19
20	---	---	828.845E	828.882E	828.994E	828.986	828.929E	828.790	828.729E	---	---	---	20
21	---	---	828.849E	828.883	828.994	828.981E	828.871	828.789E	828.728E	---	---	---	21
22	---	---	828.852	828.883E	829.000E	828.977E	828.870E	828.788	828.726E	---	---	---	22
23	---	---	828.856E	828.883	829.012	828.972	828.870	828.781E	828.727E	---	---	---	23
24	---	---	828.861	828.882E	829.012E	828.974E	828.865E	828.775E	828.726E	---	---	---	24
25	---	---	828.862E	828.882	829.011E	828.976	828.863	828.770	828.736E	---	---	---	25
26	---	---	828.863	828.883E	829.010	828.946	828.866E	828.760E	828.746E	---	---	---	26
27	---	---	828.865E	828.884E	829.010E	828.952	828.873E	828.752	828.756E	---	---	---	27
28	---	---	828.866	828.884	829.007	828.948E	828.867	828.758	828.766E	---	---	---	28
29	---		828.869E	828.885E	829.005E	828.944	828.841E	828.740	828.776E	---	---	---	29
30	---		828.872E	828.886	829.003E	828.939E	828.841	828.739E	828.786E	---	---	---	30
31	---		828.875		829.001E		828.783E	828.739E		---	---	---	31
MEAN	---	---	828.831	828.881	828.980	828.984	828.906	828.802	828.738	---	---	---	MEAN
MAX	---	---	828.875	828.887	829.012	829.014	829.001	828.851	828.788	---	---	---	MAX
MIN	---	---	828.763	828.876	828.888	828.939	828.783	828.739	828.726	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 829.014E ON JUN 6
MINIMUM DAILY, 828.726E ON SEP 24

TYPE OF GAUGE - MANUAL
LOCATION - LAT. 50 00 35 N
LONG 107 56 00 W

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE ATHABASCA NEAR CRACKINGSTONE POINT - STATION NO. 07MC003

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	208.556	208.513	208.427	208.386	208.510	209.007	209.313	209.520	209.511	209.194	209.003	[illegible]	1
2	208.555	208.514	208.417	208.378	208.528	208.971	209.327	209.539	209.516	209.195	208.990	208.[illegible]	2
3	208.562	208.516	208.417	208.378	208.545	209.031	209.343	209.543	209.494	209.201	208.982	208.779A	3
4	208.563	208.517	208.403	208.385	208.567	209.047	209.323	209.559	209.474	209.195	208.988	208.791	4
5	208.552	208.516	208.419	208.386	208.589	209.072	209.303	209.577	209.479	209.195	208.968	208.799	5
6	208.550	208.505	208.403	208.386	208.627	209.101	209.326	209.582	209.478	209.156	208.940	208.769A	6
7	208.559	208.497	208.395	208.393	208.654	209.103	209.334	209.577	209.448	209.154	208.950	208.782A	7
8	208.557	208.485	208.390	208.393	208.696	209.140	209.329	209.569	209.421	209.144	208.950	208.778	8
9	208.563	208.475	208.397	208.405	208.734	209.129	209.349	209.586	209.408	209.150	208.951	208.770	9
10	208.553	208.483	208.398	208.388	208.773	209.171	209.373	209.581	209.365	209.125	208.916	208.772	10
11	208.558	208.477	208.393	208.373	208.805	209.176	209.343	209.601	209.351	209.149A	208.908A	208.767	11
12	208.552	208.471	208.394	208.379	208.815	209.167	209.330	209.600	209.369	209.150A	208.910	208.767	12
13	208.552	208.464	208.390	208.380	208.823	209.199	209.337	209.592	209.375	209.138A	208.892	208.775	13
14	208.549	208.469	208.388	208.383	208.837	209.204	209.342	209.630	209.382	209.143	208.894A	208.769	14
15	208.551	208.466	208.384	208.387	208.852	209.198	209.315	209.599	209.360	209.133A	208.877	208.736	15
16	208.554	208.456	208.384	208.395	208.854	209.194	209.300	209.587	209.354	209.123	208.872	208.771	16
17	208.539	208.448	208.387	208.400	208.861	209.214	209.312	209.571	209.345	209.124	208.861	208.764	17
18	208.541	208.446	208.376	208.407	208.878	209.206	209.328	209.589	209.344	209.109A	208.873	208.762	18
19	208.536	208.440	208.374	208.421	208.892	209.228	209.331	209.601	209.342	209.115A	208.850	208.747	19
20	208.547	208.443	208.383	208.410	208.895	209.298	209.390	209.586	209.316	209.117	208.843	208.740	20
21	208.540	208.443	208.384	208.443	208.912	209.272	209.345	209.595	209.321	209.106A	208.844	208.742	21
22	208.527	208.441	208.392	208.425	208.919	209.265	209.340	209.599	209.310	209.100	208.834	208.742	22
23	208.515	208.429	208.385	208.433	208.928	209.276	209.358	209.587	209.291	209.091	208.819	208.734	23
24	208.528	208.424	208.378	208.442	208.932	209.308	209.377	209.572	209.259	209.069	208.837	208.737	24
25	208.525	208.430	208.380	208.445	208.940	209.302	209.388	209.582	209.233	209.060	208.827	208.730	25
26	208.512	208.432	208.374	208.454	208.943	209.314	209.416	209.568	209.194	209.069	208.795	208.737	26
27	208.531	208.427	208.381	208.459	208.966	209.318	209.430	209.541	209.207	209.031	208.816	208.731	27
28	208.529	208.424	208.384	208.472	208.961	209.319	209.469	209.540	209.210	209.030	208.808	208.722	28
29	208.526		208.385	208.487	208.947	209.326	209.465	209.536	209.214	209.045	208.806	208.716	29
30	208.514		208.384	208.493	208.957	209.330	209.480	209.575	209.207	209.024	208.811	208.715	30
31	208.512		208.366		208.990		209.505	209.489		209.034		208.706	31
MEAN	208.543	208.488	208.391	208.413	208.811	209.200	209.362	209.572	209.352	209.119	208.888	208.757	MEAN
MAX	208.566	208.517	208.427	208.493	208.990	209.330	209.505	209.630	209.516	209.201	209.003	208.809	MAX
MIN	208.512	208.424	208.374	208.373	208.510	209.007	209.300	209.489	209.194	209.024	208.786	208.706	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 208.908
MAXIMUM DAILY, 209.630 ON AUG 14
MINIMUM DAILY, 208.373 ON APR 11
MAXIMUM INSTANTANEOUS,
209.688 AT 19:31 CST ON AUG 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 59 22 55 N
LONG 108 52 50 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

LAKE DIEFENBAKER AT GARDINER DAM - STATION NO. 05HB003

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	552.617	551.649	550.658	551.691	552.461	553.677	556.051	556.803	556.647	556.525	556.411	555.522	1
2	552.604	551.633	550.635	551.718	552.471	553.780	556.087	556.819	556.651	556.557	556.403	555.500	2
3	552.572	551.607	550.618	551.759	552.518	553.884	556.091	556.836	556.637	556.619	556.389	555.490	3
4	552.545	551.577	550.624	551.785	552.506	554.002	556.098	556.840	556.601	556.640	556.388	555.480	4
5	552.493	551.550	550.655	551.848	552.523	554.138	556.146	556.852A	556.590	556.676	556.380	555.448	5
6	552.434	551.512	550.675	551.885	552.559	554.331	556.159	556.867A	556.582	556.705	556.368	555.448	6
7	552.419	551.484	550.689	551.918	552.576	554.489	556.184	556.859	556.575	556.693	556.364	555.428	7
8	552.412	551.452	550.721	551.935	552.586	554.654	556.223	556.842	556.559	556.704	556.347	555.374	8
9	552.366	551.428	550.750	551.980	552.588	554.823	556.258	556.826	556.548	556.724	556.316	555.378	9
10	552.340	551.400	550.783	551.987	552.630	554.973	556.312A	556.838	556.555	556.718	556.281	555.361	10
11	552.308	551.376	550.785	552.023	552.635	555.107	556.357E	556.838	556.580	556.721	556.212	555.330	11
12	552.283	551.354	550.788	552.037	552.671	555.205	556.403A	556.825	556.522	556.729	556.185	555.308	12
13	552.236	551.321	550.789	552.065	552.702	555.301	556.429	556.819	556.513	556.734	556.144	555.290	13
14	552.217	551.287	550.828	552.112	552.705	555.380	556.442	556.825	556.489	556.738	556.087	555.256	14
15	552.158	551.255	550.863	552.143	552.717	555.484	556.462	556.814	556.481	556.750	556.057	555.227	15
16	552.118	551.228	550.908	552.185	552.734	555.583	556.461	556.807	556.482	556.743	556.003	555.206	16
17	552.062	551.181	550.941	552.218	552.788	555.659	556.530	556.814	556.471	556.735	555.951	555.188	17
18	552.034	551.132	550.992	552.252	552.788	555.726	556.544	556.814	556.462	556.717	555.911	555.127	18
19	552.007	551.075	551.038	552.284	552.818	555.782	556.510	556.815	556.444	556.695	555.871	555.078	19
20	551.969	551.008	551.095	552.286	552.840	555.787	556.617	556.784	556.448	556.676	555.832	555.052	20
21	551.919	550.955	551.146	552.325	552.861	555.849	556.525	556.780E	556.482	556.661	555.775	555.020	21
22	551.894	550.907	551.193	552.336	552.901	555.855	556.510	556.773E	556.485	556.628	555.752	554.979	22
23	551.872	550.856	551.242	552.352	552.932	555.869	556.540A	556.765E	556.473	556.604	555.734	554.950	23
24	551.863	550.808	551.294	552.370	552.972	555.904	556.587A	556.758E	556.438	556.592	555.700	554.917	24
25	551.841	550.774	551.352	552.373	553.021	555.907	556.646	556.761E	556.379	556.588	555.684	554.879	25
26	551.809	550.734	551.409	552.386	553.099	555.931	556.689A	556.744E	556.502	556.548	555.648	554.855	26
27	551.806	550.702	551.490	552.387	553.210	555.981	556.732A	556.736E	556.488	556.529	555.614	554.830	27
28	551.782	550.676	551.568	552.407	553.320	555.988	556.756	556.729A	556.499	556.474	555.577	554.797	28
29	551.765		551.608	552.431	553.435	555.986	556.784	556.708	556.515	556.448	555.584	554.766	29
30	551.719		551.645	552.448	553.514	556.030	556.760	556.692	556.524	556.444	555.544	554.734	30
31	551.682		551.679		553.579		556.785	556.657		556.438		554.698	31
MEAN	552.133	551.212	551.015	552.132	552.827	555.235	556.437	556.784	556.520	556.637	556.015	555.158	MEAN
MAX	552.617	551.649	551.679	552.448	553.579	556.030	556.785	556.867	556.651	556.750	556.411	555.522	MAX
MIN	551.682	550.676	550.618	551.691	552.461	553.677	556.051	556.657	556.379	556.438	555.544	554.698	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 554.362
MAXIMUM DAILY, 556.867A ON AUG 6
MINIMUM DAILY, 550.618 ON MAR 3
MAXIMUM INSTANTANEOUS,
556.888A AT 15:09 CST ON AUG 6

WATER LEVELS ARE REFERRED TO TOPOGRAPHIC SURVEY DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 49 N
LONG 106 50 18 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1965

DRAINAGE AREA,
138 000 km²

LAKE DIEFENBAKER AT SASKATCHEWAN LANDING - STATION NO. 05HC004

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	550.626	551.693	552.474	553.690	556.047	556.770	556.689	556.515	556.347	---	1
2	---	---	550.612	551.711	552.518	553.814	556.056	556.785	556.656	556.534	556.333	---	2
3	---	---	550.602	551.743	552.496	553.910	556.050	556.822	556.606	556.546	556.343	---	3
4	---	---	550.617	551.785	552.541	554.037	556.076	556.788	556.617	556.595	556.315A	---	4
5	---	---	550.644	551.816	552.535	554.204	556.086	556.838	556.623	556.629	---	---	5
6	---	---	550.682	551.851	552.544	554.335	556.107A	556.793	556.581	556.847	---	---	6
7	---	---	550.708	551.886	552.567	554.517	556.163E	556.779	556.569	556.888	---	---	7
8	---	---	550.720	551.931	552.583	554.689	556.209A	556.756	556.584	556.676	---	---	8
9	---	---	550.755	551.957	552.589	554.821	556.260	556.774	556.582	556.671	---	---	9
10	---	---	550.771	551.998	552.589	554.979	556.257	556.764	556.586	556.681	---	---	10
11	---	---	550.780	552.013	552.617	555.077	556.306	556.760	556.521	556.671	---	---	11
12	---	---	550.780	552.060	552.621	555.181	556.333	556.764	556.525	556.674	---	---	12
13	---	---	550.782	552.081	552.634	555.316	556.367	556.779	556.519	556.670	---	---	13
14	---	---	550.814	552.090	552.663	555.459	556.402	556.821	556.522	556.687	---	---	14
15	---	---	550.842	552.145	552.661	555.533	556.414	556.835	556.507	556.679	---	---	15
16	---	---	550.680	552.180	552.702	555.602	556.445	556.819	556.482	556.695	---	---	16
17	---	---	550.919	552.170	552.767	555.671	556.428	556.836	556.476	556.692	---	---	17
18	---	---	550.963	552.195	552.782	555.733	556.403	556.837	556.488	556.659	---	---	18
19	---	---	551.022	552.224	552.818	555.732	556.462	556.804	556.471	556.648	---	---	19
20	---	---	551.070	552.289	552.858	555.786	556.473	556.810	556.483	556.638	---	---	20
21	---	---	551.124	552.308	552.884	555.788	556.470	556.813	556.418	556.610	---	---	21
22	---	---	551.188	552.332	552.871	555.858	556.485	556.783	556.408	556.593	---	---	22
23	---	---	551.239	552.318	552.934	555.895	556.492	556.788	556.417	556.581	---	---	23
24	---	---	551.298	552.350	552.975	555.903	556.541	556.767	556.456	556.548	---	---	24
25	---	---	551.315	552.388	553.034	555.932	556.598	556.788	556.623	556.518	---	---	25
26	---	---	551.385	552.394	553.102	555.940	556.622	556.741	556.406	556.499	---	---	26
27	---	---	551.459	552.418	553.204	555.985	556.667	556.734	556.434	556.464	---	---	27
28	---	---	551.543	552.420	553.325	555.891	556.672	556.735	556.443	556.472	---	---	28
29	---		551.584	552.382	553.440	556.040	556.724	556.727	556.469	556.445	---	---	29
30	---		551.624	552.416	553.526	556.031	556.670	556.704	556.507	556.413	---	---	30
31	---		551.648		553.802		556.737	556.715		556.384		---	31
MEAN	---	---	551.000	552.118	552.821	555.248	556.387	556.760	556.518	556.593	---	---	MEAN
MAX	---	---	551.648	552.420	553.802	556.040	556.737	556.838	556.689	556.695	---	---	MAX
MIN	---	---	550.602	551.693	552.474	553.690	556.047	556.704	556.406	556.364	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 556.838 ON AUG 5
MINIMUM DAILY, 550.602 ON MAR 3
MAXIMUM INSTANTANEOUS,
556.886 AT 02:45 CST ON AUG 15

WATER LEVELS ARE REFERRED TO TOPOGRAPHIC SURVEY DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 21 N
LONG 107 58 08 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
138 000 km²

LAKE OF THE RIVERS WEST INFLOW - STATION NO. 05JD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	1.21 B	0	0	0	0	0	0	0	0	---	1
2	---	0 B	1.38 B	0	0	0	0	0	0	0	0	---	2
3	---	0 B	0.931	0	0	0	0	0	0	0	0	---	3
4	---	0 B	0.755	0	0	0	0	0	0	0	0	---	4
5	---	0 B	0.554	0	0	0	0	0	0	0	---	---	5
6	---	0 B	0.434	0	0	0	0	0	0	0	---	---	6
7	---	0 B	0.358	0	0	0	0	0	0	0	---	---	7
8	---	0 B	0.137	0	0	0	0	0	0	0	---	---	8
9	---	0 B	0.205	0	0	0	0	0	0	0	---	---	9
10	---	0 B	0.300	0	0.580	0	0	0	0	0	---	---	10
11	---	0 B	0.318	0	0.476	0	0	0	0	0	---	---	11
12	---	0 B	0.220	0	0.143	0	0	0	0	0	---	---	12
13	---	0 B	0.184	0	0.071	0	0	0	0	0	---	---	13
14	---	0 B	0.175	0	0.038	0	0	0	0	0	---	---	14
15	---	0 B	0.154	0	0.024	0	0	0	0	0	---	---	15
16	---	0 B	0.146	0	0.015	0	0	0	0	0	---	---	16
17	---	0 B	0.091	0	0.009	0	0	0	0	0	---	---	17
18	---	0 B	0.070	0	0.005	0	0	0	0	0	---	---	18
19	---	0 B	0.048	0	0.002	0	0	0	0	0	---	---	19
20	---	0 B	0.037	0	0	0	0	0	0	0	---	---	20
21	---	0 B	0.040	0	0	0	0	0	0	0	---	---	21
22	---	0 B	0.036	0	0	0	0	0	0	0	---	---	22
23	---	0 B	0.022	0	0	0	0	0	0	0	---	---	23
24	---	0 B	0.014	0	0	0	0	0	0	0	---	---	24
25	---	0 B	0.017	0	0	0	0	0	0	0	---	---	25
26	---	0.3868	0.008	0	0	0	0	0	0	0	---	---	26
27	---	1.82 B	0.008	0	0	0	0	0	0	0	---	---	27
28	---	1.50 B	0.008	0	0	0	0	0	0	0	---	---	28
29	---		0.002	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0		0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	3.606	7.851	0	1.343	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.136	0.254	0	0.043	0	0	0	0	0	---	---	MEAN
MAX	---	1.82	1.38	0	0.580	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.048
MAXIMUM DAILY, 1.928 ON FEB 27
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
3.258 AT 04 54 CST ON FEB 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 44 25 N
LONG 105 46 41 W
DRAINAGE AREA, 84.2 km²

B - ICE CONDITIONS

NATURAL FLOW

REMARKS - SIGNIFICANT RUNOFF OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	329	AUG	0
MAR	678	SEP	0
APR	0	OCT	0
MAY	116	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 120 dam³

LANIGAN CREEK ABOVE BOULDER LAKE - STATION NO. 05JJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.3008	0.220	0.021	0	0	0	0	---	---	1
2	---	---	0 B	0.2318	0.195	0.015	0	0	0	0	---	---	2
3	---	---	0 B	0.1458	0.176	0.013	0	0	0	0	---	---	3
4	---	---	0 B	0.2038	0.171	0.006	0	0	0	0	---	---	4
5	---	---	0 B	1.07	0.166	0.010	0	0	0	0	---	---	5
6	---	---	0 B	2.41	0.142	0.026	0	0	0	0	---	---	6
7	---	---	0 B	2.57	0.127	0.017	0	0	0	0	---	---	7
8	---	---	0 B	2.19	0.115	0.011	0	0	0	0	---	---	8
9	---	---	0 B	1.87	0.124	0.005	0	0	0	0	---	---	9
10	---	---	0 B	1.74	0.180	0.001	0	0	0	0	---	---	10
11	---	---	0 B	1.80	0.171	0	0	0	0	0	---	---	11
12	---	---	0 B	1.47 B	0.169	0	0	0	0	0	---	---	12
13	---	---	0 B	1.19 B	0.153	0	0	0	0	0	---	---	13
14	---	---	0 B	1.29 B	0.150	0	0	0	0	0	---	---	14
15	---	---	0 B	1.32 B	0.134	0	0	0	0	0	---	---	15
16	---	---	0.0038	1.35	0.121	0	0	0	0	0	---	---	16
17	---	---	0.0508	1.32	0.115	0	0	0	0	0	---	---	17
18	---	---	0.0518	1.13	0.107	0	0	0	0	0	---	---	18
19	---	---	0.0218	0.953	0.097	0	0	0	0	0	---	---	19
20	---	---	0.0178	0.851	0.091	0	0	0	0	0	---	---	20
21	---	---	0.0388	0.729	0.081	0	0	0	0	0	---	---	21
22	---	---	0.0798	0.654	0.080	0	0	0	0	0	---	---	22
23	---	---	0.1218	0.595	0.078	0	0	0	0	0	---	---	23
24	---	---	0.2748	0.533	0.077	0	0	0	0	0	---	---	24
25	---	---	0.4268	0.472	0.069	0	0	0	0	0	---	---	25
26	---	---	0.3058	0.417	0.062	0	0	0	0	0	---	---	26
27	---	---	0.2498	0.363	0.051	0	0	0	0	0	---	---	27
28	---	---	0.2588	0.317	0.044	0	0	0	0	0	---	---	28
29	---		0.256	0.281	0.038	0	0	0	0	0	---	---	29
30	---		0.263	0.247	0.033	0	0	0	0	0	---	---	30
31	---		0.265		0.030		0	0		0		---	31
TOTAL	---	---	2.677	28.841	3.537	0.126	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.086	0.995	0.114	0.004	0	0	0	0	---	---	MEAN
MAX	---	---	0.426	2.57	0.220	0.026	0	0	0	0	---	---	MAX
MIN	---	---	0	0.145	0.030	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.148
MAXIMUM DAILY, 2.57 ON APR 7
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.65 AT 03:34 CST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 55 N
LONG 105 14 15 W
DRAINAGE AREA, 2 360 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	231	SEP	0
APR	2 580	OCT	0
MAY	308	NOV	---
JUN	10.9	DEC	---

TOTAL DISCHARGE, 3 130 dam³

LANIGAN CREEK NEAR LANIGAN - STATION NO. 05JJ010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	3.87	0.106	0.003	0.002	0.012	0.001	0.003	---	---	1
2	---	---	0 B	3.59	0.101	0.003	0.001	0.007	0.001	0.003	---	---	2
3	---	---	0 B	2.41	0.086	0.003	0.001	0.008	0.001	0.003	---	---	3
4	---	---	0 B	1.70	0.073	0.002	0.001	0.004	0.001	0.003	---	---	4
5	---	---	0 B	1.44	0.060	0.003	0.001	0.004	0.001	0.003	---	---	5
6	---	---	0 B	1.52	0.055E	0.004	0.001	0.004	0.001	0.003	---	---	6
7	---	---	0 B	1.62	0.055E	0.004	0.001	0.004	0.001	0.003	---	---	7
8	---	---	0 B	1.38	0.055E	0.004	0.002	0.003	0.001	0.003	---	---	8
9	---	---	0 B	1.23	0.075E	0.003	0.002	0.003	0.001	0.003	---	---	9
10	---	---	0 B	1.07	0.105E	0.003	0.002	0.003	0.001	0.004	---	---	10
11	---	---	0 B	0.864B	0.100E	0.003	0.002	0.002	0.001	0.004	---	---	11
12	---	---	0 B	0.688B	0.095E	0.002	0.059	0.002	0.002	0.004	---	---	12
13	---	---	0 B	0.550B	0.082A	0.002	0.048	0.002	0.002	0.004	---	---	13
14	---	---	0 B	0.456B	0.057	0.002	0.005	0.002	0.002	0.004	---	---	14
15	---	---	0.002B	0.436B	0.043	0.002	0.007	0.001	0.002	0.004	---	---	15
16	---	---	0.055B	0.385	0.041	0.002	0.006	0.001	0.002	0.004	---	---	16
17	---	---	0.076B	0.319	0.036	0.002	0.032	0.001	0.002	0.004	---	---	17
18	---	---	0.044B	0.279	0.029	0.002	0.033	0.001	0.002	0.004	---	---	18
19	---	---	0.008B	0.221	0.019	0.002	0.016	0.001	0.002	0.004	---	---	19
20	---	---	0.004B	0.200	0.015	0.002	0.012	0.001	0.002	0.005	---	---	20
21	---	---	0.003B	0.202	0.013	0.001	0.012	0.001	0.003	0.005	---	---	21
22	---	---	0.003B	0.203	0.015	0.001	0.013	0.001	0.057	0.005	---	---	22
23	---	---	0.003B	0.208	0.018	0.001	0.010	0.001	0.002	0.005	---	---	23
24	---	---	0.004B	0.213	0.010	0.001	0.007	0.001	0.002	0.005	---	---	24
25	---	---	0.003B	0.184	0.008	0.001	0.006	0.001	0.003	0.005	---	---	25
26	---	---	0.003B	0.185	0.006	0.001	0.005	0.001	0.003	0.005	---	---	26
27	---	---	0.518B	0.184	0.006	0.001	0.005	0.001	0.003	0.005	---	---	27
28	---	---	1.09 B	0.145	0.005	0.001	0.006	0.001	0.003	0.005	---	---	28
29	---		1.46 B	0.124	0.005	0.001	0.005	0.001	0.003	0.006A	---	---	29
30	---		2.58 B	0.111	0.004	0.001	0.008	0.001	0.003	0.006E	---	---	30
31	---		3.88		0.004		0.016	0.001		0.006E		---	31
TOTAL	---	---	9.755	25.875	1.382	0.083	0.331	0.075	0.056	0.131	---	---	TOTAL
MEAN	---	---	0.315	0.863	0.045	0.002	0.011	0.002	0.002	0.004	---	---	MEAN
MAX	---	---	3.88	3.87	0.106	0.004	0.059	0.012	0.003	0.006	---	---	MAX
MIN	---	---	0	0.111	0.004	0.001	0.001	0.001	0.001	0.003	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.154
MAXIMUM DAILY, 3.88 ON MAR 31
MINIMUM DAILY, .08 ON MAR 1
MAXIMUM INSTANTANEOUS,
4.24 AT 12:22 CST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 50 16 N
LONG 104 58 52 W
DRAINAGE AREA, 588 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	28.5
FEB	---	AUG	6.48
MAR	843	SEP	4.84
APR	2 240	OCT	11.3
MAY	119	NOV	---
JUN	5.44	DEC	---

TOTAL DISCHARGE, 3 260 dam³

REMARKS - STATION DISCONTINUED AFTER THE 1986 SEASON

LARSEN RESERVOIR NEAR RADVILLE - STATION NO 05NA005

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	630.672A	631.015	630.952	631.044	630.948	630.884	630.694	630.702	630.674A	630.454A	1
2	---	---	630.800A	631.015	630.946	631.040	630.944	630.876	630.688	630.709	630.673E	---	2
3	629.621A	---	630.907A	631.013	630.946	631.038	630.941	630.873	630.687	630.704	630.671E	---	3
4	---	629.624A	630.971A	631.011A	630.951	631.029	630.940	630.868	630.681	630.702	630.670A	---	4
5	---	---	630.998	631.010A	630.972	631.020	630.976	630.861	630.674	630.702	630.668	---	5
6	---	---	631.015A	631.010A	630.984	631.016	630.977	630.856	630.667	630.703	630.668A	---	6
7	---	---	631.018A	631.009	630.996	631.011	630.972	630.849	630.662	630.702	---	---	7
8	---	---	631.021	631.003	630.985	631.004	630.964	630.844	630.658	630.701	---	---	8
9	---	---	631.022	631.000	631.025	631.034	630.959	630.838	630.655	630.698	---	---	9
10	---	---	631.022	630.998	631.113	631.040	630.960	630.832	630.660	630.698	---	---	10
11	---	---	631.025	630.995	631.154	631.037	630.958	630.826	630.663	630.693	---	---	11
12	---	---	631.029	630.993A	631.151	631.026	630.970	630.823	630.662	630.689A	---	---	12
13	---	---	631.033	630.991E	631.140	631.020	630.975	630.818	630.656	630.690	---	---	13
14	---	---	631.038	630.98	631.129	631.015	630.972	630.811	630.654	630.691	---	---	14
15	---	---	631.041	630.985A	631.115	631.014	630.966	630.808	630.654	630.690	---	---	15
16	---	---	631.048	630.983E	631.114	631.013	630.964	630.797	630.654	630.690	---	---	16
17	---	---	631.053	630.982E	631.109	631.013	630.966	630.788	630.655	630.690	---	---	17
18	---	---	631.056	630.980E	631.110	631.011	630.960	630.785	630.655	630.690	---	---	18
19	---	---	631.053	630.978E	631.108	631.008	630.953	630.780	630.653	630.689	---	---	19
20	---	---	631.053	630.977E	631.104	631.002	630.945	630.769	630.670	630.688	---	---	20
21	---	---	631.051	630.976E	631.087	630.998	630.940	630.759	630.673	630.690	---	---	21
22	---	---	631.047	630.974E	631.082	630.987	630.935	630.755	630.674	630.690	---	---	22
23	---	---	631.041	630.972E	631.088	630.982	630.929	630.747	630.672	630.689	---	---	23
24	---	629.630E	631.041	630.971E	631.089	630.973	630.923	630.743	630.672	630.688	---	---	24
25	---	629.700E	631.040	630.969E	631.088	630.967	630.917	630.735	630.703	630.684	---	---	25
26	---	630.080A	631.034	630.968E	631.086	630.961	630.911	630.729	630.708	630.688	---	---	26
27	---	630.389	631.030	630.966E	631.079	630.950	630.910	630.724	630.707	630.686	---	---	27
28	---	630.580A	631.028	630.965E	631.074	630.943	630.915	630.717	630.704	630.683	---	---	28
29	---		631.028	630.963A	631.070	630.935	630.910	630.715	630.703	630.680	---	---	29
30	---		631.023	630.957	631.065	630.942	630.900	630.707	630.704	630.675	630.454E	630.441A	30
31	629.624E		631.024		631.060		630.889	630.703		630.676A		630.440E	31
MEAN	---	---	631.008	630.987	631.084	631.002	630.945	630.784	630.674	630.692	---	---	MEAN
MAX	---	---	631.054	631.015	631.154	631.044	630.977	630.884	630.708	630.709	---	---	MAX
MIN	---	---	630.672	630.957	630.946	630.935	630.889	630.703	630.654	630.675	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 631.154 ON MAY 11
MINIMUM DAILY, 629.621A ON JAN 3
MAXIMUM INSTANTANEOUS,
631.158 AT 19:21 CST ON MAY 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 30 N
LONG 104 15 50 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAST MOUNTAIN LAKE AT ROWAN'S RAVINE - STATION NO. 05JH004

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	489.835	489.818	489.811	489.985	490.012	490.215	490.186	490.185	490.058	490.045	489.981	489.959	1
2	489.835	489.817	489.812	489.988	490.004	490.241	490.171	490.182	490.055	490.044	489.982	489.973	2
3	489.835	489.815	489.818	489.985	490.001	490.245	490.182	490.181	490.076	490.013	489.982	489.968	3
4	489.832	489.812	489.824	489.986	490.028	490.238	490.172	490.184	490.072	490.035	489.987	489.968	4
5	489.833	489.814	489.829	489.994	490.064	490.253	490.173	490.179	490.058	490.019	489.989	489.964	5
6	489.828	489.814	489.830	489.995	490.049	490.245	490.170	490.181	490.047	490.025	489.987	489.965	6
7	489.827	489.814	489.831	489.998	490.049	490.242	490.170	490.177	490.038	490.035	489.981	489.964	7
8	489.828	489.813	489.836	489.996	490.055	490.229	490.176	490.175	490.036	490.024	489.979	489.964	8
9	489.829	489.810	489.837	489.988	490.081	490.243	490.165	490.174	490.031	490.008	489.986	489.961	9
10	489.828	489.810	489.838	490.001	490.082	490.232	490.168	490.161	490.027	490.037	489.975	489.964	10
11	489.827	489.809	489.842	489.995	490.101	490.228	490.174	490.158	490.024	490.010	489.984	489.963	11
12	489.824	489.809	489.845	489.994	490.118	490.229	490.167	490.158	490.040	490.001	489.973	489.956	12
13	489.823	489.808	489.845	489.995	490.114	490.219	490.194	490.161	490.017	490.006	489.968	489.957	13
14	489.821	489.807	489.855	489.988	490.125	490.208	490.195	490.155	490.018	490.003	489.969	489.958	14
15	489.822	489.808	489.863	489.989	490.143	490.210	490.186	490.157	490.015	490.003	489.968	489.957	15
16	489.820	489.812	489.871	490.005	490.155	490.207	490.187	490.149	490.018	490.001	489.971	489.956	16
17	489.821	489.812	489.878	490.008	490.158	490.202	490.197	490.124	490.025	489.999	489.968	489.955	17
18	489.821	489.809	489.889	490.011	490.171	490.207	490.196	490.126	490.022	490.001	489.965	489.954	18
19	489.822	489.808	489.894	490.012	490.178	490.205	490.201	490.132	490.022	489.999	489.976	489.957	19
20	489.819	489.806	489.901	490.012	490.183	490.197	490.196	490.117	490.022	489.997	489.973	489.956	20
21	489.817	489.807	489.906	490.015	490.159	490.201	490.193	490.110	490.033	489.999	489.977	489.956	21
22	489.816	489.805	489.915	490.022	490.168	490.200	490.189	490.108	490.035	489.998	489.975	489.957	22
23	489.818	489.808	489.920	490.026	490.212	490.190	490.210	490.092	490.039	489.991	489.975	489.958	23
24	489.819	489.809	489.930	490.015	490.218	490.180	490.201	490.098	490.044	489.981	489.977	489.955	24
25	489.818	489.812	489.935	490.014	490.218	490.188	490.201	490.105	490.084	489.989	489.983	489.953	25
26	489.813	489.811	489.942	490.019	490.219	490.201	490.157	490.088	490.017	489.951	489.981	489.947	26
27	489.816	489.809	489.952	490.013	490.214	490.188	490.197	490.082	490.039	489.990	489.980	489.946	27
28	489.819	489.808	489.962	490.017	490.227	490.185	490.195	490.074	490.039	489.991	489.977	489.945	28
29	489.816		489.969	490.011	490.228	490.174	490.197	490.079	490.037	489.990	489.975	489.943	29
30	489.817		489.976	490.017	490.238	490.177	490.185	490.077	490.037	489.988	489.970	489.943	30
31	489.818		489.979		490.242		490.189	490.080		490.000		489.945	31
MEAN	489.823	489.810	489.882	490.004	490.136	490.213	490.188	490.136	490.038	490.007	489.978	489.957	MEAN
MAX	489.835	489.818	489.979	490.026	490.242	490.253	490.210	490.185	490.084	490.046	489.999	489.973	MAX
MIN	489.813	489.805	489.811	489.985	490.001	490.174	490.165	490.074	490.015	489.981	489.968	489.943	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1986

MEAN, 490.016
MAXIMUM DAILY, 490.253 ON JUN 5
MINIMUM DAILY, 489.805 ON FEB 20
MAXIMUM INSTANTANEOUS,
490.347 AT 21 22 CST ON JUN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 59 52 N
LONG 105 11 08 W

REGULATED

DRAINAGE AREA,
14 600 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

LEATHER RIVER NEAR STAR CITY - STATION NO. 05KB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	5.96 B	0.282	0.020	0	0	0	0	---	---	1
2	---	---	0 B	5.81 B	0.254	0.031	0	0	0	0	---	---	2
3	---	---	0 B	4.24 B	0.233	0.027	0	0	0	0	---	---	3
4	---	---	0 B	3.71 B	0.262	0.014	0	0	0	0	---	---	4
5	---	---	0 B	4.11 B	0.245	0.014	0	0	0	0	---	---	5
6	---	---	0 B	4.17 B	0.257	0.013	0	0	0	0	---	---	6
7	---	---	0 B	3.11 B	0.265	0.001	0	0	0	0	---	---	7
8	---	---	0 B	2.84 B	0.246	0	0	0	0	0	---	---	8
9	---	---	0 B	2.22	0.257	0	0	0	0	0	---	---	9
10	---	---	0 B	1.63	0.241	0	0	0	0	0	---	---	10
11	---	---	0 B	1.24	0.239	0	0	0	0	0	---	---	11
12	---	---	0 B	0.892	0.228	0	0	0	0	0	---	---	12
13	---	---	0 B	0.827	0.183	0	0	0	0	0	---	---	13
14	---	---	0 B	0.703	0.178	0	0	0	0	0	---	---	14
15	---	---	0 B	0.590	0.178	0	0	0	0	0	---	---	15
16	---	---	0 B	0.495	0.218	0	0	0	0	0	---	---	16
17	---	---	0 B	0.451	0.191	0	0	0	0	0	---	---	17
18	---	---	0 B	0.432	0.155	0	0	0	0	0	---	---	18
19	---	---	0 B	0.373	0.208	0	0	0	0	0	---	---	19
20	---	---	0 B	0.325	0.141	0	0	0	0	0	---	---	20
21	---	---	0 B	0.349	0.234	0	0	0	0	0	---	---	21
22	---	---	0 B	0.353	0.189	0	0	0	0	0	---	---	22
23	---	---	0 B	0.254	0.211	0	0	0	0	0	---	---	23
24	---	---	0 B	0.304	0.178	0	0	0	0	0	---	---	24
25	---	---	0 B	0.325	0.152	0	0	0	0	0	---	---	25
26	---	---	0 B	0.313	0.125	0	0	0	0	0	---	---	26
27	---	---	0.0018	0.287	0.085	0	0	0	0	0	---	---	27
28	---	---	0.0208	0.266	0.057	0	0	0	0	0A	---	---	28
29	---	---	0.2488	0.257	0.045	0	0	0	0	0E	---	---	29
30	---	---	1.41 B	0.314	0.039	0	0	0	0	0E	---	---	30
31	---	---	3.28 B		0.028		0	0		0E	---	---	31
TOTAL	---	---	4.980	48.081	5.883	0.120	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.180	1.60	0.187	0.004	0	0	0	0	---	---	MEAN
MAX	---	---	3.28	5.96	0.282	0.031	0	0	0	0	---	---	MAX
MIN	---	---	0	0.254	0.028	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS MAR TO OCT

MEAN, 0.241
MAXIMUM DAILY, 5.960 ON APR 1
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
10.18 AT 12 28 CST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 50 32 N
LONG 104 14 34 W
DRAINAGE AREA, 185 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	428	SEP	0
APR	4 150	OCT	0
MAY	501	NOV	---
JUN	10.4	DEC	---

TOTAL DISCHARGE, 5 090 dam³

LENDRE LAKE NEAR MIDDLE LAKE - STATION NO. 05KA011

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	525.390	525.386	525.284	---	---	---	1
2	---	---	---	---	---	525.488	---	---	---	---	---	---	2
3	---	---	---	---	---	---	525.380	525.382	---	---	---	---	3
4	---	---	---	---	---	525.489	525.382	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	525.267	---	---	---	5
6	---	---	---	---	---	525.491	---	---	---	525.250	---	---	6
7	---	---	---	---	---	---	525.371	525.411	---	---	---	---	7
8	---	---	---	---	---	525.476	525.370	---	---	---	---	---	8
9	---	---	---	---	---	---	525.389	---	525.239	---	---	---	9
10	---	---	---	---	---	525.463	---	525.405	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	525.237	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	525.402	525.260	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	525.449	525.389	525.400	---	525.223	---	---	15
16	---	---	---	---	---	---	525.388	---	---	525.232	---	---	16
17	---	---	---	---	---	525.439	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	525.231	---	---	18
19	---	---	---	---	---	525.429	---	525.372	---	---	---	---	19
20	---	---	---	---	---	---	---	525.372	525.252	525.228	---	---	20
21	---	---	---	---	---	525.421	525.411	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	525.405	---	525.271	525.227	---	---	23
24	---	---	---	---	---	525.411	---	---	525.271	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	525.401	525.300	---	525.219	---	---	26
27	---	---	---	---	---	---	---	---	---	525.218	---	---	27
28	---	---	---	---	---	525.403	---	---	---	---	---	---	28
29	---	---	---	---	---	---	525.400	---	525.260	525.218	---	---	29
30	---	---	---	---	---	525.389	---	---	525.254	---	---	---	30
31	---	---	---	---	---	---	525.398	525.292	---	---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 28 33 N
LONG 105 00 52 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LEWIS CREEK NEAR IMPERIAL - STATION NO 05JH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0.001B	0.02B	0	0	0	0	0	0	---	---	1
2	---	0B	0.007B	0.01B	0	0	0	0	0	0	---	---	2
3	---	0B	0.210B	0.00B	0	0	0	0	0	0	---	---	3
4	---	0B	0.644B	0.00A	0	0	0	0	0	0	---	---	4
5	---	0B	0.311B	0	0	0	0	0	0	0	---	---	5
6	---	0B	0.257B	0	0	0	0	0	0	0	---	---	6
7	---	0B	0.054B	0	0	0	0	0	0	0	---	---	7
8	---	0B	0.046B	0	0	0	0	0	0	0	---	---	8
9	---	0B	0.044B	0	0	0	0	0	0	0	---	---	9
10	---	0B	0.022B	0	0	0	0	0	0	0	---	---	10
11	---	0B	0.007B	0	0	0	0	0	0	0	---	---	11
12	---	0B	0.006B	0	0	0	0	0	0	0	---	---	12
13	---	0B	0.012B	0	0	0	0	0	0	0	---	---	13
14	---	0B	0.032B	0	0	0	0	0	0	0	---	---	14
15	---	0B	0.040B	0	0	0	0	0	0	0	---	---	15
16	---	0B	0.044B	0	0	0	0	0	0	0	---	---	16
17	---	0B	0.083B	0	0	0	0	0	0	0	---	---	17
18	---	0B	0.187B	0	0	0	0	0	0	0	---	---	18
19	---	0B	0.123B	0	0	0	0	0	0	0	---	---	19
20	---	0B	0.078B	0	0	0	0	0	0	0	---	---	20
21	---	0B	0.052B	0	0	0	0	0	0	0	---	---	21
22	---	0B	0.038B	0	0	0	0	0	0	0	---	---	22
23	---	0B	0.022B	0	0	0	0	0	0	0	---	---	23
24	---	0B	0.015B	0	0	0	0	0	0	0	---	---	24
25	---	0B	0.033B	0	0	0	0	0	0	0	---	---	25
26	---	0B	0.013B	0	0	0	0	0	0	0	---	---	26
27	---	0B	0.043B	0	0	0	0	0	0	0	---	---	27
28	---	0B	0.027	0	0	0	0	0	0	0	---	---	28
29	---		0.027	0	0	0	0	0	0	0	---	---	29
30	---		0.036	0	0	0	0	0	0	0	---	---	30
31	---		0.041		0		0		0			---	31
TOTAL	---	0	2.845	0.05B	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.082	0.002	0	0	0	0	0	0	---	---	MEAN
MAX	---	0	0.644	0.02B	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0.001	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.010
MAXIMUM DAILY, 0.644B ON MAR 4
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
0.958B AT 16:29 CST ON MAR 4

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 18 02 N
LONG 105 22 52 W
DRAINAGE AREA, 572 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	220	SEP	0
APR	5.10	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 225 dam³

LIGHTNING CREEK NEAR CARNDUFF - STATION NO. 05NF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	1.00 B	0.658	0.138	0.010	0.010	0.389	0.004	0.012	0.012	---	1
2	---	0 B	2.00 B	0.602	0.085	0.010	0.009	0.369	0.004	0.018	0.013	---	2
3	---	0 B	2.61 B	0.607	0.064	0.011	0.009	0.195	0.004	0.028	0.016	---	3
4	---	0 B	2.01 B	0.567	0.048	0.009	0.009	0.134	0.005	0.018	0.018A	---	4
5	---	0 B	1.73 B	0.540	0.149	0.008	0.103	0.073	0.023	0.011	---	---	5
6	---	0 B	1.38 B	0.500	0.867	0.008	0.084	0.044	0.002	0.013	---	---	6
7	---	0 B	0.975B	0.443	1.09	0.008	0.015	0.110	0.002	0.014	---	---	7
8	---	0 B	1.44 B	0.374	0.915	0.006	0.011	0.063	0.002	0.015	---	---	8
9	---	0 B	1.64 B	0.232	2.38	0.007	0.010	0.038	0.002	0.015	---	---	9
10	---	0 B	1.49 B	0.122	3.94	0.007	0.008	0.029	0.003	0.013	---	---	10
11	---	0 B	0.985B	0.084	3.44	0.007	0.008	0.022	0.012	0.011	---	---	11
12	---	0 B	0.711B	0.048	2.90	0.006	0.129	0.018	0.003	0.009	---	---	12
13	---	0 B	0.614B	0.044B	2.33	0.006	0.249	0.014	0.012	0.009	---	---	13
14	---	0 B	0.575B	0.194B	1.94	0.007	0.388	0.013	0.005	0.010	---	---	14
15	---	0 B	0.822B	0.248B	2.08	0.008	0.240	0.011	0.005	0.012	---	---	15
16	---	0 B	0.924B	0.334B	1.85	0.008	0.308	0.008	0.008	0.021	---	---	16
17	---	0 B	1.41 B	0.286	1.27	0.008	0.403	0.008	0.006	0.020	---	---	17
18	---	0 B	1.33 B	0.426	1.07	0.009	0.483	0.008	0.008	0.015	---	---	18
19	---	0 B	1.27 B	0.493	0.865	0.031	0.830	0.008	0.007	0.012	---	---	19
20	---	0 B	1.38 B	0.431	0.711	0.083	0.733	0.006	0.008	0.014	---	---	20
21	---	0 B	1.42 B	0.385	0.572	0.022	0.533	0.007	0.010	0.010	---	---	21
22	---	0 B	1.32 B	0.409	0.470	0.013	0.401	0.006	0.010	0.008	---	---	22
23	---	0 B	0.946B	0.429	0.368	0.010	0.302	0.004	0.008	0.008	---	---	23
24	---	0 B	0.762B	0.417	0.304	0.009	0.222	0.006	0.008	0.007	---	---	24
25	---	0 B	1.03 B	0.393	0.218	0.008	0.216	0.005	0.014	0.005	---	---	25
26	---	0.005B	0.839B	0.381	0.175	0.010	0.385	0.007	0.022	0.005	---	---	26
27	---	0.010B	1.05 B	0.389	0.117	0.028	0.383	0.007	0.015	0.007	---	---	27
28	---	0.100B	1.17 B	0.297	0.058	0.015	0.557	0.005	0.012	0.013	---	---	28
29	---		1.11 B	0.217	0.026	0.011	0.728	0.005	0.013	0.007	---	---	29
30	---		0.821B	0.193	0.015	0.010	0.762	0.005	0.013	0.007	---	---	30
31	---		0.731B		0.011		0.467	0.006		0.009	---	---	31
TOTAL	---	0.115	37.297	10.731	30.285	0.374	9.055	1.630	0.249	0.378	---	---	TOTAL
MEAN	---	0.004	1.20	0.358	0.976	0.012	0.292	0.053	0.008	0.012	---	---	MEAN
MAX	---	0.100	2.61	0.658	3.94	0.083	0.930	0.389	0.023	0.028	---	---	MAX
MIN	---	0	0.575	0.044	0.011	0.006	0.008	0.004	0.002	0.005	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.367
MAXIMUM DAILY, 3.94 ON MAY 10
MINIMUM DAILY, 0.002 ON SEP 8
MAXIMUM INSTANTANEOUS,
6.188 AT 17 15 CST ON MAR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 17 N
LONG 101 43 08 W
DRAINAGE AREA, 740 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	782
FEB	9 94	AUG	141
MAR	3 220	SEP	21 5
APR	927	OCT	32 7
MAY	2 810	NOV	---
JUN	32 3	DEC	---

TOTAL DISCHARGE, 7 770 dam³

LILIAN RIVER NEAR LADY LAKE - STATION NO. 05MC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.003B	1.01 B	0.208	0.087	0.038	0.070E	0.008E	0.032	0.025B	0.031B	1
2	---	---	0.003B	3.10 B	0.214	0.088	0.042	0.068E	0.008A	0.028	0.026B	0.034B	2
3	---	---	0.004B	3.90 B	0.187	0.088	0.049	0.052E	0.018	0.024	0.026B	---	3
4	---	---	0.004B	4.23 B	0.164	0.077	0.043	0.059E	0.017	0.029	0.028B	---	4
5	---	---	0.004B	4.30 B	0.180	0.095	0.063	0.055E	0.013	0.023	0.030B	---	5
6	---	---	0.004B	4.61 B	0.188	0.123	0.072	0.110E	0.013	0.025	0.032B	---	6
7	---	---	0.005B	5.78 B	0.178	0.143	0.065	0.082E	0.013	0.026	0.033B	---	7
8	---	---	0.005B	5.46 B	0.168	0.141	0.052	0.070E	0.009	0.022	0.037B	---	8
9	---	---	0.005B	4.27 B	0.199	0.148	0.054	0.067E	0.008	0.020	0.036B	---	9
10	---	---	0.005B	3.30 B	0.313	0.142	0.072	0.065E	0.010	0.029	0.034B	---	10
11	---	---	0.007B	2.51 B	0.322	0.138	0.103	0.085A	0.011	0.023	0.033B	---	11
12	---	---	0.010B	1.78 B	0.269	0.129	0.106	0.081	0.023	0.023	0.031B	---	12
13	---	---	0.027B	1.48	0.279	0.112	0.113	0.054	0.020	0.029	0.029B	---	13
14	---	---	0.040B	1.17	0.266	0.112	0.106	0.046	0.018	0.029	0.034B	---	14
15	---	---	0.041B	0.974	0.262	0.110	0.097	0.039	0.016	0.021	0.030B	---	15
16	---	---	0.028B	0.822	0.258	0.102	0.138	0.038	0.015	0.019	0.026B	---	16
17	---	---	0.025B	0.781	0.231	0.088	0.385	0.031	0.019	0.025	0.034B	---	17
18	---	---	0.014B	0.885	0.208	0.080	0.316	0.026	0.016	0.032	0.035B	---	18
19	---	---	0.015B	0.834	0.190	0.076	0.204	0.025	0.014	0.033	0.037B	---	19
20	---	---	0.018B	0.805	0.186	0.068	0.178	0.017	0.016	0.030	0.039B	---	20
21	---	---	0.014B	0.458	0.186	0.014	0.158	0.009	0.027	0.030	0.036B	---	21
22	---	---	0.007B	0.402	0.147	0.029	0.128	0.008	0.033	0.029	0.033B	---	22
23	---	---	0.008B	0.427	0.152	0.032	0.105	0.007A	0.028	0.028	0.033B	---	23
24	---	---	0.018B	0.362	0.145	0.038	0.088	0.008E	0.027	0.027	0.036B	---	24
25	---	---	0.044B	0.242	0.134	0.048	0.087	0.008E	0.025	0.024	0.036B	---	25
26	---	---	0.107B	0.150	0.134	0.051	0.083	0.010E	0.030	0.029	0.034B	---	26
27	---	0.002B	0.143B	0.116	0.132	0.047	0.082E	0.009E	0.032	0.032	0.031B	---	27
28	---	0.002B	0.137B	0.121	0.142	0.042	0.080E	0.009E	0.033	0.024	0.032B	---	28
29	---		0.138B	0.232	0.139	0.037	0.077E	0.008E	0.038	0.026B	0.035B	---	29
30	---		0.202B	0.218	0.129	0.037	0.075E	0.008E	0.035	0.023B	0.033B	---	30
31	---		0.409B		0.119		0.074E	0.008E		0.026B		---	31
TOTAL	---	---	1.495	54.119	5.019	2.489	3.329	1.158	0.591	0.829	0.976	---	TOTAL
MEAN	---	---	0.048	1.80	0.194	0.083	0.107	0.039	0.020	0.027	0.033	---	MEAN
MAX	---	---	0.409	5.78	0.322	0.148	0.385	0.110	0.038	0.033	0.039	---	MAX
MIN	---	---	0.003	0.116	0.116	0.014	0.038	0.008	0.008	0.019	0.025	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.288
MAXIMUM DAILY, 5.78B ON APR 7
MINIMUM DAILY, 0.003B ON MAR 1
MAXIMUM INSTANTANEOUS,
6.67B AT 19:36 CST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 01 22 N
LONG 102 37 30 W
DRAINAGE AREA, 238 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	288
FEB	---	AUG	109
MAR	129	SEP	81.1
APR	4 680	OCT	71 6
MAY	520	NOV	84.3
JUN	218	DEC	---

TOTAL DISCHARGE, 8 080 dam³

LITTLE BEAR LAKE ON THE HANSON LAKE ROAD - STATION NO. 05KF002

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	620.292	620.155	620.194	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	620.194	---	---	---	---	3
4	---	---	---	---	---	620.265	620.145	---	---	---	---	---	4
5	---	---	---	---	---	620.263	620.141	620.204	---	---	---	---	5
6	---	---	---	---	---	620.253	---	---	---	---	---	---	6
7	---	---	---	---	---	620.243	---	---	---	---	---	---	7
8	---	---	---	---	---	---	620.138	620.204	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	620.132	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	620.215	620.127	---	---	---	---	---	13
14	---	---	---	---	---	620.209	---	---	---	---	---	---	14
15	---	---	---	---	---	620.206	---	---	---	---	---	---	15
16	---	---	---	---	---	---	620.130	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	620.025	---	---	---	17
18	---	---	---	---	---	620.194	---	620.184	---	---	---	---	18
19	---	---	---	---	---	---	620.153	---	---	---	---	---	19
20	---	---	---	---	---	---	---	620.174	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	620.172	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	620.172	---	620.144	---	---	---	---	24
25	---	---	---	---	---	---	620.123	---	---	---	---	---	25
26	---	---	---	---	---	---	620.123	---	---	---	---	---	26
27	---	---	---	---	---	---	620.123	---	---	---	---	---	27
28	---	---	---	---	---	620.167	---	620.124	---	---	---	---	28
29	---		---	---	620.307	620.167	---	620.124	---	---	---	---	29
30	---		---	---	---	620.163	---	---	---	---	---	---	30
31	---		---		---		620.193	620.114		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 17 39 N
LONG 104 40 33 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LITTLE BRIDGE CREEK NEAR ARMLEY - STATION NO. 05KB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	3.41 B	0.045A	0.009	0	0	0	0	---	---	1
2	---	---	0 B	2.48 B	0.016A	0.006	0	0	0	0	---	---	2
3	---	---	0 B	1.67 B	0.004	0.005	0	0	0	0	---	---	3
4	---	---	0 B	1.23 B	0.001	0.002	0	0	0	0	---	---	4
5	---	---	0 B	1.14 B	0.001	0.007	0	0	0	0	---	---	5
6	---	---	0 B	1.49 B	0.002	0.016	0	0	0	0	---	---	6
7	---	---	0 B	1.52	0.001	0.031	0	0	0	0	---	---	7
8	---	---	0 B	1.06	0.027	0.025	0	0	0	0	---	---	8
9	---	---	0 B	0.859	0.051	0.023	0	0	0	0	---	---	9
10	---	---	0 B	0.773	0.056	0.024	0	0	0	0	---	---	10
11	---	---	0 B	0.657E	0.245	0.014	0	0	0	0	---	---	11
12	---	---	0 B	0.541E	0.292	0.018	0	0	0	0	---	---	12
13	---	---	0 B	0.424E	0.221	0.019	0	0	0	0	---	---	13
14	---	---	0 B	0.308E	0.513	0.014	0	0	0	0	---	---	14
15	---	---	0 B	0.192A	0.451	0.008	0	0	0	0	---	---	15
16	---	---	0 B	0.054A	0.436	0.003	0	0	0	0	---	---	16
17	---	---	0 B	0.049	0.543	0.001	0	0	0	0	---	---	17
18	---	---	0 B	0.153	0.563	0.001	0	0	0	0	---	---	18
19	---	---	0 B	0.261	0.387	0.001	0	0	0	0	---	---	19
20	---	---	0 B	0.222	0.398	0	0	0	0	0	---	---	20
21	---	---	0 B	0.131	0.283	0	0	0	0	0	---	---	21
22	---	---	0 B	0.073	0.235	0	0	0	0	0	---	---	22
23	---	---	0 B	0.226	0.171	0	0	0	0	0	---	---	23
24	---	---	0 B	0.228	0.165	0	0	0	0	0	---	---	24
25	---	---	0 B	0.151	0.160	0	0	0	0	0	---	---	25
26	---	---	0 B	0.132	0.183	0	0	0	0	0	---	---	26
27	---	---	0 B	0.124	0.132	0	0	0	0	0	---	---	27
28	---	---	0.0018	0.207	0.071	0	0	0	0	0	---	---	28
29	---		0.0108	0.107	0.034	0	0	0	0	0	---	---	29
30	---		0.221B	0.075	0.026	0	0	0	0	0	---	---	30
31	---		1.48 B		0.017		0	0		0		---	31
TOTAL	---	---	1.712	19.947	5.728	0.227	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.055	0.665	0.185	0.008	0	0	0	0	---	---	MEAN
MAX	---	---	1.48	3.41	0.563	0.031	0	0	0	0	---	---	MAX
MIN	---	---	0	0.049	0.001	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.113
MAXIMUM DAILY, 3.410 ON APR 1
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 09 28 N
LONG 104 10 17 W
DRAINAGE AREA, 87.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	148	SEP	0
APR	1 720	OCT	0
MAY	495	NOV	---
JUN	19.6	DEC	---

TOTAL DISCHARGE, 2 380 dam³

LITTLE QUILL LAKE NEAR WYNYARD - STATION NO. 05MA002

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	518.186	---	---	518.077	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	518.270	---	518.163	---	---	---	---	4
5	---	---	---	---	---	---	518.202	---	518.049	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	518.172	---	---	518.046	---	---	7
8	---	---	---	---	---	---	518.187	518.155	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	518.046	518.034	---	---	10
11	---	---	---	---	---	518.272	---	518.151	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	518.324	---	---	---	---	---	---	---	13
14	---	---	---	---	---	518.242	518.172	518.147	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	518.338	---	518.173	---	518.042	518.049	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	518.332	518.182	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	518.123	---	518.049	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	518.172	518.205	---	518.055	---	---	---	21
22	---	---	---	---	518.412	---	518.203	---	---	---	---	---	22
23	---	---	---	---	---	518.186	---	---	---	---	---	---	23
24	---	---	---	518.274	---	---	---	---	---	---	---	---	24
25	---	---	---	---	518.318	---	518.173	518.105	---	---	---	---	25
26	---	---	---	---	---	518.226	---	---	---	518.038	---	---	26
27	---	---	---	---	---	---	---	---	518.074	518.023	---	---	27
28	---	---	---	---	---	---	518.163	---	---	---	---	---	28
29	---		---	---	---	---	---	518.075	518.073	518.041	---	---	29
30	---		---	---	---	518.218	---	518.073	---	518.025	---	---	30
31	---		---		518.402		518.145	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 52 54 N
LONG 104 08 14 W
DATA CONTRIBUTED BY - SASKATCHEWAN WATER CORPORATION

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LODGE CREEK BELOW MCRAE CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 11AB083

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	24.4 B	0.877	0.117	0.244	0.009	0	0	7.05	---	---	1
2	---	0 B	38.5 B	0.882	0.116	0.178	0.006	0	0	5.20	---	---	2
3	---	0 B	35.5 B	0.829	0.114	0.148	0.004	0	0	4.32	---	---	3
4	---	0 B	23.6 B	0.692	0.120	0.129	0.002	0	0	4.19	---	---	4
5	---	0 B	12.3 B	0.691	0.145	0.110	0.002	0	0	3.91	---	---	5
6	---	0 B	8.90 B	0.505	0.140	0.112	0.001	0.029	0	3.23	---	---	6
7	---	0 B	6.40 B	0.454	0.137	0.160	0.001	0.020	0	2.40	---	---	7
8	---	0 B	4.10 B	0.477	0.156	0.238	0.001	0.013	0	1.82	---	---	8
9	---	0 B	3.82 B	0.404	0.167	0.251	0.001	0.006	0	1.51	---	---	9
10	---	0 B	3.11 B	0.316	0.184	0.208	0	0.004	0	1.21	---	---	10
11	---	0 B	2.16 B	0.269	0.481	0.137	0	0.002	0	1.08	---	---	11
12	---	0 B	1.77 B	0.278	2.85	0.105	0	0.002	0	0.840	---	---	12
13	---	0 B	1.44 B	0.304	0.738	0.092	0	0.001	0	0.739	---	---	13
14	---	0 B	1.17 B	0.254	0.508	0.088	0	0.001	0	0.704	---	---	14
15	---	0 B	1.56 B	0.235	0.497	0.058	0	0.001	0	0.677	---	---	15
16	---	0 B	1.85 B	0.190	0.517	0.048	0	0	0	0.628	---	---	16
17	---	0 B	1.40 B	0.171	0.560	0.040	1.84	0	0	0.624	---	---	17
18	---	0 B	0.805	0.164	0.400	0.037	0.324	0	0	0.573	---	---	18
19	---	0 B	0.828	0.155	0.358	0.081	0.100	0	0.001	0.526	---	---	19
20	---	0 B	0.538	0.169	1.12	0.122	0.043	0	0.033	0.493	---	---	20
21	---	0 B	0.509	0.189	2.18	0.107	0.025	0	0.034	0.458	---	---	21
22	---	0 B	1.78	0.156	3.44	0.070	0.015	0	0.017	0.424	---	---	22
23	---	0 B	2.87	0.130	4.40	0.047	0.014	0	0.008	0.421	---	---	23
24	---	0 B	3.34	0.114	4.08	0.032	0.010	0	0.005	0.393	---	---	24
25	---	0 B	3.02	0.151	4.58	0.022	0.008	0	140	0.384	---	---	25
26	---	0.0478	2.29	0.380	3.84	0.018	0.004	0	220	0.348	---	---	26
27	---	2.77 B	1.58	0.212	2.84	0.012	0.002	0	136	0.338	---	---	27
28	---	12.4 B	1.25	0.151	1.78	0.007	0.002	0	47.3	0.313	---	---	28
29	---		1.07	0.134	0.870	0.008	0.001	0	21.8	0.313	---	---	29
30	---		0.813	0.122	0.582	0.011	0.001	0	10.8	0.327	---	---	30
31	---		0.823		0.370		0	0		0.313E		---	31
TOTAL	---	15.217	193.016	10.016	38.679	2.870	2.215	0.078	575.888	45.841	---	---	TOTAL
MEAN	---	0.543	6.23	0.334	1.25	0.096	0.071	0.003	19.2	1.48	---	---	MEAN
MAX	---	12.4	38.5	0.877	4.58	0.251	1.84	0.029	220	7.05	---	---	MAX
MIN	---	0	0.509	0.114	0.114	0.007	0	0	0	0.313	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.24
MAXIMUM DAILY, 220 ON SEP 26
MINIMUM DAILY, 0.0478 ON FEB 1
MAXIMUM INSTANTANEOUS, 280 AT 19:00 CST ON SEP 25

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 18 N
LONG 109 43 02 W
DRAINAGE AREA, 2 140 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	191
FEB	1 310	AUG	6.83
MAR	16 700	SEP	49 800
APR	865	OCT	3 960
MAY	3 340	NOV	---
JUN	248	DEC	---

TOTAL DISCHARGE, 76 400 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE WAS DETERMINED BY THE SLOPE-AREA METHOD

LODGE CREEK NEAR ALBERTA BOUNDARY - STATION NO. 11AB082

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0208	22.5 B	0.887	0.073	0.785	0.008	0	0	3.28	0.129	---	1
2	---	0.0208	17.3 B	0.767	0.074	0.230	0.007	0	0	2.87	0.128	---	2
3	---	0.0208	15.6 B	0.807	0.072	0.180	0.005	0	0	3.68	0.129A	---	3
4	---	0.0198	10.2 B	0.501	0.084	0.148	0.002	0	0	3.14	---	---	4
5	---	0.0118	7.74 B	0.421	0.105	0.127	0.003	0	0	2.29	---	---	5
6	---	0.0098	5.71	0.348	0.092	0.148	0.001	0	0	1.85	---	---	6
7	---	0.0028	4.15	0.286	0.088	0.183	0.001	0	0	1.07	---	---	7
8	---	0 B	2.19	0.250	0.440	0.155	0	0	0	0.736	---	---	8
9	---	0.0048	1.88	0.239	0.551	0.141	0	0	0	0.537	---	---	9
10	---	0.0638	2.35	0.223	0.538	0.095	0	0	0	0.386	---	---	10
11	---	0.0838	2.36	0.205	0.482	0.059	0	0	0	0.305	---	---	11
12	---	0.0858	1.89	0.222	0.386	0.262	0	0	0	0.279	---	---	12
13	---	0.0578	1.39	0.242	0.370	0.263	0	0	0	0.264	---	---	13
14	---	0.0348	1.20	0.229	0.418	0.205	0	0	0	0.239	---	---	14
15	---	0.0378	1.14	0.198	0.410	0.186	0	0	0	0.227	---	---	15
16	---	0.0388	1.18	0.183	0.389	0.109	0	0	0	0.228	---	---	16
17	---	0.0278	1.07	0.133	0.371	0.078	0.004	0	0	0.217	---	---	17
18	---	0.0158	0.889	0.105	2.33	0.059	0.003	0	0	0.208	---	---	18
19	---	0.0088	0.783	0.080	2.66	0.038	0.001	0	0	0.192	---	---	19
20	---	0.0078	0.647	0.092	3.59	0.024	0	0	0.034	0.195	---	---	20
21	---	0.0058	2.39	0.081	4.20	0.020	0	0	0.025	0.188	---	---	21
22	---	0.0028	3.78	0.090	3.80	0.014	0	0	0.011	0.184	---	---	22
23	---	0 B	3.80	0.066	3.46	0.008	0.001	0	0.007	0.157	---	---	23
24	---	0 B	2.12	0.065	3.70	0.005	0.002	0	0.024	0.151	---	---	24
25	---	0.0418	1.39	0.074	2.79	0.002	0.001	0	84.3	0.148	---	---	25
26	---	25.0 B	1.09	0.084	1.85	0.001	0	0	119	0.145	---	---	26
27	---	40.8 B	0.899	0.084	1.13	0.001	0	0	51.7	0.142	---	---	27
28	---	27.8 B	0.781	0.078	0.828	0.001	0	0	16.2	0.138	---	---	28
29	---		0.904	0.090	0.740	0.010	0	0	6.09	0.133	---	---	29
30	---		1.22	0.087	0.646	0.013	0	0	4.16	0.135	---	---	30
31	---		1.13		0.600		0	0		0.133			31
TOTAL	---	94.188	121.868	6.975	36.847	3.011	0.040	0	281.541	23.827	---	---	TOTAL
MEAN	---	3.36	3.93	0.233	1.19	0.100	0.001	0	9.38	0.782	---	---	MEAN
MAX	---	40.8	22.9	0.887	4.20	0.289	0.008	0	119	3.68	---	---	MAX
MIN	---	0	0.642	0.066	0.072	0.001	0	0	0	0.133	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.08
MAXIMUM DAILY, 119 ON SEP 26
MINIMUM DAILY, 08 ON FEB 8
MAXIMUM INSTANTANEOUS,
177 AT 00 37 CST ON SEP 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 10 N
LONG 109 59 05 W
DRAINAGE AREA, 909 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3.46
FEB	8 140	AUG	0
MAR	10 500	SEP	24 300
APR	603	OCT	2 040
MAY	3 180	NOV	---
JUN	260	DEC	---

TOTAL DISCHARGE, 49 000 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

LOISELLE CREEK NEAR HUDSON BAY - STATION NO. 05LB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.40 B	0.138	0.001	0	0	0	0	0	---	1
2	---	---	0 B	2.10 B	0.097	0.001	0	0	0	0	0	---	2
3	---	---	0 B	2.60 B	0.082	0.001	0	0	0	0	0	---	3
4	---	---	0 B	3.08 B	0.067	0.001	0	0	0	0	0	---	4
5	---	---	0 B	2.87 B	0.058	0.001	0	0	0	0	0	---	5
6	---	---	0 B	4.46 B	0.055	0.001	0	0	0	0	---	---	6
7	---	---	0 B	4.98	0.052	0.001	0	0	0	0	---	---	7
8	---	---	0 B	3.49	0.042	0	0	0	0	0	---	---	8
9	---	---	0 B	2.35	0.057	0	0	0	0	0	---	---	9
10	---	---	0 B	1.87	0.087	0.001	0	0	0	0	---	---	10
11	---	---	0 B	1.16	0.080	0.001	0	0	0	0	---	---	11
12	---	---	0 B	0.787	0.092	0.001	0	0	0	0	---	---	12
13	---	---	0 B	0.553	0.111	0.001	0	0	0	0	---	---	13
14	---	---	0 B	0.385	0.122	0.001	0	0	0	0	---	---	14
15	---	---	0 B	0.274	0.102	0	0	0	0	0	---	---	15
16	---	---	0 B	0.208	0.123	0	0	0	0	0	---	---	16
17	---	---	0 B	0.176	0.114	0	0	0	0	0	---	---	17
18	---	---	0 B	0.159	0.098	0	0	0	0	0	---	---	18
19	---	---	0 B	0.154	0.077	0	0	0	0	0	---	---	19
20	---	---	0 B	0.136	0.083	0	0	0	0	0	---	---	20
21	---	---	0 B	0.120	0.059	0	0	0	0	0	---	---	21
22	---	---	0 B	0.118	0.038	0	0	0	0	0	---	---	22
23	---	---	0 B	0.138	0.019	0	0	0	0	0	---	---	23
24	---	---	0 B	0.223	0.014	0	0	0	0	0	---	---	24
25	---	---	0 B	0.227	0.017	0	0	0	0	0	---	---	25
26	---	---	0 B	0.178	0.017	0	0	0	0	0	---	---	26
27	---	---	0 B	0.130	0.021	0	0	0	0	0	---	---	27
28	---	---	0 B	0.148	0.017	0	0	0	0	0	---	---	28
29	---		0 B	0.210	0.004	0	0	0	0	0	---	---	29
30	---		0.2208	0.171	0.003	0	0	0		0		---	30
31	---		0.6408		0.002		0	0		0		---	31
TOTAL	---	---	0.760	34.473	1.825	0.012	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.025	1.15	0.063	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.640	4.98	0.138	0.001	0	0	0	0	---	---	MAX
MIN	---	---	0	0.118	0.002	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.152
MAXIMUM DAILY, 4.98 ON APR 7
MINIMUM DAILY, 00 ON MAR 1
MAXIMUM INSTANTANEOUS,
5.828 AT 23:42 CST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 47 51 N
LONG 102 22 14 W
DRAINAGE AREA, 181 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	85.7	SEP	0
APR	2 980	OCT	0
MAY	155	NOV	---
JUN	1.04	DEC	---

TOTAL DISCHARGE, 3 210 dam³

LONG CREEK AT WESTERN CROSSING OF INTERNATIONAL BOUNDARY - STATION NO. 05NA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0 B	3.94 B	0.325	0.033	0.150	0	2.59	0.502	0.002	0.001	0.0048	1
2	0B	0 B	2.51 B	0.315	0.024	0.112	0	1.73	0.002	0.002	0.001	0.0068	2
3	0B	0 B	1.80 B	0.269	0.017	0.078	0	1.18	0.001	0.001	0.001	0.0068	3
4	0B	0 B	2.04 B	0.230	0.015	2.047	0	0.837	0.001	0.001	0.001	0.0068	4
5	0B	0 B	2.09 B	0.202	0.021	0.034	0	0.616	0.001	0.001	0.001	0.0068	5
6	0B	0 B	1.87 B	0.152	0.047	0.031	0	0.502	0	0.001	0.001	0.0058	6
7	0B	0 B	1.18 B	0.124	0.075	0.018	0	0.417	0	0.001	0.001	0.0058	7
8	0B	0 B	1.06 B	0.092	0.175	0.009	0	0.306	0	0.881	0.001	0.0058	8
9	0B	0 B	0.7068	0.070	0.414	0.006	0	0.212	0	0.001	0.0028	0.0048	9
10	0B	0 B	0.5388	0.077	0.816	0.004	0	0.138	0	0.401	0.0028	0.0058	10
11	0B	0 B	0.4158	0.086	0.870	0.004	0.016	0.086	0	0.001	0.4728	0.0058	11
12	0B	0 B	1.72 B	0.075	1.23	0.004	0.066	0.054	0	0.001	0.0028	0.0058	12
13	0B	0 B	3.00 B	0.062	1.17	0.003	0.169	0.042	0	0.001	0.0028	0.0058	13
14	0B	0 B	2.44 B	0.059	0.882	0.003	0.100	0.047	0	0.001	0.0028	0.0068	14
15	0B	0 B	2.18 B	0.042	0.736	0.003	0.068	0.029	0	0.001	0.0028	0.0068	15
16	0B	0 B	1.71 B	0.037	0.738	0.003	0.105	0.026	0	0.001	0.0018	0.0068	16
17	0B	0 B	1.64 B	0.039	0.557	0.003	0.088	0.021	0	0.001	0.0028	0.0068	17
18	0B	0 B	1.55 B	0.037	0.863	0.003	0.131	0.014	0	0.001	0.0028	0.0068	18
19	0B	0 B	1.30 B	0.024	1.01	0.003	0.075	0.009	0	0.001	0.0028	0.0068	19
20	0B	0 B	1.25 B	0.017	0.914	0.003	0.040	0.006	0.001	0.001	0.0028	0.0068	20
21	0B	0 B	1.26 B	0.020	0.816	0.003	0.026	0.004	0.201	0.001	0.0028	0.0068	21
22	0B	0 B	1.18 B	0.027	0.785	0.001	0.013	0.003	0.001	0.001	0.0028	0.0068	22
23	0B	0 B	1.11 B	0.040	0.817	0	0.008	0.003	0.001	0.001	0.0028	0.0068	23
24	0B	0 B	1.03 B	0.033	0.771	0	0.006	0.005	0.001	0.001	0.0038	0.0068	24
25	0B	0 B	0.9308	0.024	0.688	0	0.007	0.007	0.002	0.001	0.0048	0.0068	25
26	0B	0 B	0.7368	0.015	0.823	0	0.010	0.007	0.003	0.001	0.0038	0.0068	26
27	0B	1.83 B	0.8658	0.038	0.538	0	0.007	0.007	0.003	0.001	0.0038	0.0068	27
28	0B	2.25 B	0.8658	0.063	0.443	0	0.427	0.006	0.003	0.001	0.0039	0.0068	28
29	0B		0.518	0.051	0.359	0	0.465	0.005	0.002	0.001	0.0028	0.0068	29
30	0B		0.455	0.042	0.277	0	0.237	0.004	0.002	0.001	0.0038	0.0068	30
31	0B		0.362		0.211		1.85	0.003		0.001		0.0068	31
TOTAL	0	3.88	43.750	2.890	17.365	0.525	3.524	8.906	0.027	0.033	0.056	0.175	TOTAL
MEAN	0	0.139	1.41	0.090	0.560	0.[illegible]	0.114	0.287	0.001	0.001	0.002	0.006	MEAN
MAX	0	2.25	3.94	0.325	1.23	0.150	1.45	2.59	0.003	0.002	0.004	0.006	MAX
MIN	0	0	0.362	0.017	0.015	0	0	0.003		0.001	0.001	0.004	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.222
MAXIMUM DAILY, 3.94B ON MAR 1
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
4.48B AT 03:30 CST ON MAR 1

SUMMARY FOR THE YEAR 1986

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 01 N
LONG 103 21 08 W
DRAINAGE AREA, 3 210 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	304
FEB	335	AUG	769
MAR	3 780	SEP	2.33
APR	232	OCT	2.85
MAY	1 500	NOV	5.01
JUN	45.4	DEC	15.1

TOTAL DISCHARGE, 8 990 dam³

LONG CREEK NEAR ESTEVAN - STATION NO. 05NR001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0168	0.0178	0.037	0.013	0.013	0.112A	0.012	0.025A	0.011	0.005	0.009	0.0138	1
2	0.0168	0.0178	0.032	0.013	0.012	0.030A	0.010	0.013	0.010	0.007	0.010	0.0148	2
3	0.0168	0.0188	0.031	0.014	0.011	0.012	0.008	0.011	0.009	0.017	0.010	0.0138	3
4	0.0158	0.0168	0.028	0.015	0.010	0.011	0.010	0.010	0.053	0.040	0.011A	0.0138	4
5	0.0158	0.0188	0.024	0.045	0.016	0.009	0.060	0.009	0.017	0.005	0.011A	0.0168	5
6	0.0158	0.0188	0.021	0.061	0.027	0.010	0.016	0.009	0.013	0.001	0.011	0.0368	6
7	0.0148	0.0188	0.020	0.052	0.019	0.011	0.016	0.008	0.013	0.001	0.011	0.0298	7
8	0.0148	0.0188	0.020	0.042	0.017	0.010	0.018	0.007	0.013	0.001	0.0118	0.0208	8
9	0.0158	0.0188	0.018	0.029	0.036	0.012	0.027	0.007	0.013	0.007A	0.0108	0.0198	9
10	0.0168	0.0198	0.019	0.022	0.030	0.012	0.015	0.007	0.011	0.008A	0.0098	0.0188	10
11	0.0178	0.0208	0.017	0.018	0.018	0.010	0.012	0.006	0.009	0.013	0.0108	0.0188	11
12	0.0178	0.0218	0.017	0.015	0.017	0.008	0.022	0.006	0.008	0.013A	0.0098	0.0188	12
13	0.0168	0.0218	0.018	0.013	0.019	0.008	0.019	0.006	0.010	0.012	0.0078	0.0188	13
14	0.0168	0.0218	0.016	0.013	0.019	0.008	0.012	0.007	0.011	0.012	0.0108	0.0188	14
15	0.0168	0.0238	0.020	0.012	0.016	0.009	0.011	0.005	0.010	0.011	0.0178	0.0178	15
16	0.0168	0.0238	0.064	0.012	0.015	0.010	0.011	0.006	0.035	0.011	0.0198	0.0178	16
17	0.0168	0.0268	0.095	0.014	0.014	0.010	0.032	0.006	0.068	0.011	0.0168	0.0178	17
18	0.0168	0.0258	0.018	0.014	0.014	0.009	0.017	0.006	0.012	0.011	0.0168	0.0178	18
19	0.0188	0.0968	0.015	0.014	0.014	0.008	0.013	0.006	0.015	0.011	0.0248	0.0178	19
20	0.0198	0.0848	0.014	0.016	0.014	0.011	0.011	0.005	0.012	0.011	0.0278	0.0168	20
21	0.0178	0.0248	0.017	0.016	0.013	0.012	0.010	0.005	0.010	0.012A	0.0278	0.0168	21
22	0.0178	0.0238	0.018	0.016	0.016	0.011	0.009	0.006	0.007	0.025A	0.0268	0.0168	22
23	0.0178	0.0228	0.016	0.019	0.025	0.008	0.007	0.006	0.007	0.083A	0.0218	0.0168	23
24	0.0178	0.0228	0.015	0.020	0.017	0.008	0.007	0.006	0.007	0.019A	0.0148	0.0168	24
25	0.0178	0.0408	0.014	0.022	0.018	0.013	0.022	0.006	0.016	0.012A	0.0148	0.0178	25
26	0.0178	0.046	0.013	0.023	0.015	0.084	0.068	0.006	0.007	0.011	0.0148	0.0168	26
27	0.0178	0.040	0.015	0.020	0.015	0.048	0.033	0.007	0.006	0.010A	0.0138	0.0168	27
28	0.0178	0.038	0.016	0.016	0.015	0.013	0.041	0.023	0.005	0.010E	0.0138	0.0168	28
29	0.0178		0.015	0.014	0.014	0.009	0.018	0.085	0.005	0.010A	0.0138	0.0178	29
30	0.0178		0.014	0.012	0.038	0.009	0.056	0.020	0.004	0.010	0.0138	0.0168	30
31	0.0178		0.014		0.120		0.052A	0.011A		0.010		0.0168	31
TOTAL	0.507	0.781	0.711	0.826	0.855	0.538	0.676	0.357	0.428	0.421	0.426	0.541	TOTAL
MEAN	0.016	0.028	0.023	0.021	0.021	0.018	0.022	0.012	0.014	0.014	0.014	0.017	MEAN
MAX	0.019	0.096	0.095	0.061	0.120	0.112	0.068	0.025	0.068	0.083	0.027	0.036	MAX
MIN	0.014	0.017	0.013	0.012	0.010	0.008	0.007	0.005	0.004	0.001	0.007	0.013	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.018
MAXIMUM DAILY, 0.120 ON MAY 31
MINIMUM DAILY, 0.001 ON OCT 6
MAXIMUM INSTANTANEOUS,
0.201 AT 12:10 CST ON SEP 4

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 15 N
LONG 103 00 48 W
DRAINAGE AREA, 4 840 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1958

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	43.8	JUL	58.4
FEB	66.3	AUG	30.9
MAR	61.4	SEP	37.0
APR	64.1	OCT	36.4
MAY	66.8	NOV	36.8
JUN	46.6	DEC	46.7

TOTAL DISCHARGE, 577 dam³

LONG CREEK NEAR MAXIM - STATION NO. 05NA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB		MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	B	0.1008	0.014	0	0.030	0	0.082	0	0	0	---	1
2	---	0	B	0.1008	0.001	0	0.022	0	0.063	0	0	0	---	2
3	---	0	B	0.0898	0	0	0.015	0	0.047	0	0.004	0	---	3
4	---	0	B	0.0588	0.001	0	0.010	0	0.036	0	0.013	0A	---	4
5	---	0	B	0.0258	0.002	0	0.006	0	0.029	0	0.016	---	---	5
6	---	0	B	0.0198	0.002	0.084	0.003	0	0.024	0	0.016	---	---	6
7	---	0	B	0.0068	0.001	0.131	0.002	0	0.020	0	0.012	---	---	7
8	---	0	B	2.29 B	0.001	0.172	0.002	0	0.016	0	0.010	---	---	8
9	---	0	B	3.59 B	0.001	0.328	0.002	0	0.014	0	0.005	---	---	9
10	---	0	B	3.19 B	0	0.424	0.001	0	0.012	0	0.004	---	---	10
11	---	0	B	2.80 B	0	0.380	0.001	0	0.010	0	0.001	---	---	11
12	---	0	B	2.04 B	0	0.494	0.001	0	0.008	0	0.001	---	---	12
13	---	0	B	1.69 B	0.001	0.639	0.001	0	0.007	0	0.001	---	---	13
14	---	0	B	1.38	0.001	0.743	0.001	0	0.006	0	0.001	---	---	14
15	---	0	B	1.16	0.001	0.815	0	0	0.005	0	0.001	---	---	15
16	---	0	B	1.03	0.001	0.846	0	0	0.004	0	0.001	---	---	16
17	---	0	B	0.953	0.001	0.736	0	0.028	0.004	0	0.001	---	---	17
18	---	0	B	0.884	0.010	0.724	0	0.010	0.003	0	0.001	---	---	18
19	---	0	B	0.821	0.011	0.669	0	0.016	0.003	0	0.001	---	---	19
20	---	0	B	0.728	0.008	0.575	0	0.007	0.002	0	0	---	---	20
21	---	0	B	0.608	0.005	0.478	0	0.001	0.002	0	0	---	---	21
22	---	0	B	0.492	0.001	0.380	0	0.008	0.002	0	0	---	---	22
23	---	0	B	0.408	0.001	0.404	0	0.011	0.001	0	0	---	---	23
24	---	0	B	0.302	0.001	0.354	0	0.010	0.001	0	0	---	---	24
25	---	0.1008		0.215	0.001	0.314	0	0.021	0.001	0	0	---	---	25
26	---	0.4978		0.134	0.001	0.280	0	0.027	0.001	0	0	---	---	26
27	---	0.2478		0.178	0	0.247	0	0.377	0.001	0	0	---	---	27
28	---	0.1718		0.120	0	0.212	0	1.20	0.001	0	0	---	---	28
29	---			0.084	0	0.159	0	0.556	0.001	0	0	---	---	29
30	---			0.048	0	0.094	0	0.232	0	0	0	---	---	30
31	---			0.026		0.049		0.108	0		0			31
TOTAL	---	1.015		25.348	0.068	10.721	0.097	2.602	0.406	0	0.089	---	---	TOTAL
MEAN	---	0.035		0.818	0.002	0.345	0.003	0.084	0.013	0	0.003	---	---	MEAN
MAX	---	0.497		3.59	0.014	0.846	0.030	1.20	0.082	0	0.016	---	---	MAX
MIN	---	0		0.008	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.148
MAXIMUM DAILY, 3.590 ON MAR 9
MINIMUM DAILY, 0.0 ON FEB 1
MAXIMUM INSTANTANEOUS,
4.150 AT 16:01 CST ON MAR 9

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 15 32 N
LONG 103 57 22 W
DRAINAGE AREA, 1 790 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	225
FEB	87.7	AUG	35.1
MAR	2 190	SEP	0
APR	5.88	OCT	7.69
MAY	926	NOV	---
JUN	8.38	DEC	---

TOTAL DISCHARGE, 3 490 dam³

LONG CREEK NEAR NOONAN - STATION NO. 05NB027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB		MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0028	0	B	3.54 B	0.481	0.045	0.224	0.002	0.680	0.005	0.022	0.017	0.0208	1
2	0.0028	0	B	4.96 B	0.311	0.051	0.190	0.001	3.03	0.005	0.031	0.017	0.0218	2
3	0.0028	0	B	4.39 B	0.340	0.045	0.150	0.001	3.28	0.004	0.027	0.018	0.0208	3
4	0.0018	0	B	3.54 B	0.368	0.048	0.116	0.001	2.82	0.004	0.021	0.016	0.0188	4
5	0.0018	0	B	2.55 B	0.311	0.071	0.083	0.020	2.35	0.003	0.018	0.018	0.0208	5
6	0.0018	0	B	2.41 B	0.269	0.106	0.083	0.012	1.81	0.003	0.016	0.015	0.0208	6
7	0.0018	0	B	1.98 B	0.249	0.261	0.074	0.006	1.13	0.003	0.018	0.013	0.0188	7
8	0.0028	0	B	1.59 B	0.212	0.425	0.040	0.003	0.850	0.004	0.018	0.021	0.0198	8
9	0.0028	0	B	1.42 B	0.167	0.463	0.037	0.003	0.623	0.003	0.016	0.0188	0.0178	9
10	0.0028	0	B	1.27 B	0.136	0.738	0.040	0.002	0.481	0.003	0.018	0.0188	0.0168	10
11	0.0018	0	B	1.13 B	0.102	1.19	0.037	0.040	0.395	0.004	0.018	0.0198	0.0188	11
12	0.0018	0	B	0.9918	0.082	1.26	0.025	0.037	0.253	0.004	0.018	0.0188	0.0158	12
13	0.0018	0	B	2.83 B	0.074	1.61	0.020	0.566	0.218	0.003	0.016	0.0168	0.0158	13
14	0.0018	0	B	4.67 B	0.071	1.42	0.015	0.235	0.176	0.003	0.016	0.0158	0.0138	14
15	0.0018	0	B	3.54 B	0.068	0.981	0.010	0.218	0.127	0.003	0.016	0.0148	0.0158	15
16	0.0018	0	B	2.69 B	0.108	0.782	0.011	0.235	0.091	0.002	0.015	0.0148	0.0158	16
17	0.0018	0	B	1.98 B	0.102	0.785	0.009	0.232	0.079	0.002	0.015	0.0148	0.0158	17
18	0.0018	0	B	1.56 B	0.096	0.821	0.005	0.235	0.048	0.002	0.014	0.0158	0.0168	18
19	0.0018	0	B	1.42 B	0.082	0.981	0.004	0.396	0.028	0.005	0.014	0.0168	0.0168	19
20	0.0018	0	B	1.36 B	0.079	1.05	0.004	0.283	0.020	0.006	0.014	0.0298	0.0178	20
21	0.0018	0	B	1.13 B	0.085	0.906	0.007	0.255	0.018	0.006	0.014	0.0278	0.0188	21
22	0.0018	0	B	0.9918	0.085	0.765	0.007	0.204	0.025	0.006	0.014	0.0258	0.0208	22
23	0.0018	0	B	0.8348	0.093	0.934	0.006	0.170	0.023	0.006	0.014	0.0268	0.0218	23
24	0	0	B	0.8218	0.078	0.878	0.003	0.122	0.016	0.006	0.014	0.0318	0.0228	24
25	0	0	B	0.7658	0.059	0.793	0.002	0.125	0.011	0.025	0.014	0.0378	0.0228	25
26	0	0	B	0.6518	0.048	0.880	0.001	0.158	0.010	0.017	0.014	0.0288	0.0218	26
27	0	0	B	0.6808	0.037	0.595	0.001	0.453	0.007	0.014	0.014	0.0278	0.0208	27
28	0	0	B	0.7088	0.028	0.538	0.001	0.821	0.007	0.018	0.014	0.0258	0.0218	28
29	0	0	B	0.783	0.023	0.453	0	1.19	0.008	0.019	0.016	0.0218	0.0208	29
30	0	0	B	0.651	0.034	0.388	0.001	1.84	0.008	0.020	0.015	0.0208	0.0188	30
31	0	0	B	0.453		0.711		0.834	0.007		0.016		0.0189	31
TOTAL	0.029	1.147		58.388	4.275	20.373	1.226	8.359	18.560	0.209	0.519	0.505	0.567	TOTAL
MEAN	0.001	0.041		1.88	0.143	0.657	0.041	0.271	0.599	0.007	0.017	0.020	0.018	MEAN
MAX	0.002	0.891		4.96	0.481	1.61	0.224	1.44	3.28	0.025	0.031	0.037	0.022	MAX
MIN	0	0		0.453	0.023	0.045	0	0.001	0.007	0.002	0.014	0.013	0.013	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.313
MAXIMUM DAILY, 4.960 ON MAR 2
MINIMUM DAILY, 0.0 ON JAN 24
MAXIMUM INSTANTANEOUS,
5.378 AT 19:00 CST ON MAR 2

SUMMARY FOR THE YEAR 1986

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 52 N
LONG 103 04 34 W
DRAINAGE AREA, 4 450 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2.51	JUL	726
FEB	99.1	AUG	1 800
MAR	5 040	SEP	18.1
APR	370	OCT	44.8
MAY	1 780	NOV	52.3
JUN	105	DEC	49.0

TOTAL DISCHARGE, 9 870 dam³

LOWER FISHING LAKE ON THE HANSON LAKE ROAD - STATION NO. 05KE005

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	490.453	490.342	490.389	---	---	---	---	1
2	---	---	---	---	---	490.452	---	490.401	---	---	---	---	2
3	---	---	---	---	---	---	---	490.401	---	---	---	---	3
4	---	---	---	---	---	---	490.329	490.401	---	---	---	---	4
5	---	---	---	---	---	490.420	490.329	---	---	---	---	---	5
6	---	---	---	---	---	490.412	490.328	---	---	---	---	---	6
7	---	---	---	---	---	490.412	490.327	490.401	---	---	---	---	7
8	---	---	---	---	---	490.398	---	490.401	---	---	---	---	8
9	---	---	---	---	---	490.387	---	490.401	---	---	---	---	9
10	---	---	---	---	---	---	490.310	490.398	---	---	---	---	10
11	---	---	---	---	---	---	490.309	490.392	---	---	---	---	11
12	---	---	---	---	---	490.385	490.306	---	---	---	---	---	12
13	---	---	---	---	---	490.374	490.313	---	---	---	---	---	13
14	---	---	---	---	---	490.374	490.317	490.381	---	---	---	---	14
15	---	---	---	---	---	490.373	---	490.381	---	---	---	---	15
16	---	---	---	---	---	490.387	490.321	490.381	---	---	---	---	16
17	---	---	---	---	---	---	490.321	490.365	490.284	---	---	---	17
18	---	---	---	---	---	---	490.321	490.350	---	---	---	---	18
19	---	---	---	---	---	490.375	490.321	---	---	---	---	---	19
20	---	---	---	---	---	490.374	490.351	---	---	---	---	---	20
21	---	---	---	---	---	490.374	490.351	490.325	---	---	---	---	21
22	---	---	---	---	---	490.373	---	490.325	---	---	---	---	22
23	---	---	---	---	---	490.347	---	490.320	---	---	---	---	23
24	---	---	---	---	---	---	490.351	490.312	---	---	---	---	24
25	---	---	---	---	---	---	490.356	490.312	---	---	---	---	25
26	---	---	---	---	---	490.355	490.346	---	---	---	---	---	26
27	---	---	---	---	---	490.354	490.341	---	---	---	---	---	27
28	---	---	---	---	---	490.354	490.346	490.295	---	---	---	---	28
29	---		---	---	490.473	490.343	---	490.295	---	---	---	---	29
30	---		---	---	490.464	490.342	---	490.292	---	---	---	---	30
31	---		---		490.463		490.345	490.292		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 02 11 N
LONG 104 36 51 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LUMSDEN INDEX RESERVOIR - STATION NO. 05JF013

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	26.765	26.740	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	27.370	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	27.296	---	---	---	---	---	---	11
12	---	---	27.396	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	27.096	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	27.467	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	26.852	---	---	---	---	---	---	---	---	---	---	27
28	---	26.852E	---	---	---	---	---	---	---	26.850	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	27.298	---	27.190E	---	---	26.750E	---	---	---	30
31	---		27.480E		27.370E		27.008	26.780E		26.850E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 32 31 N
LONG 104 50 37 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

DRAINAGE AREA,
1.19 km²

LYONS CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 11AB075

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.58	0	0	0.010	0	0	0	2.11	---	---	1
2	---	---	1.95	0	0	0.002	0	0	0	1.89	---	---	2
3	---	---	1.38	0	0	0	0	0	0	1.45	---	---	3
4	---	---	1.84	0	0	0	0	0	0	1.28	---	---	4
5	---	---	2.48	0	0	0	0	0	0	1.03	---	---	5
6	---	---	2.06	0	0	0	0	0	0	0.876	---	---	6
7	---	---	2.18	0	0	0	0	0	0	0.343	---	---	7
8	---	---	3.15	0	0	0	0	0	0	0.200	---	---	8
9	---	---	3.12	0	0	0	0	0	0	0.137	---	---	9
10	---	---	5.07	0	0	0	0	0	0	0.083	---	---	10
11	---	---	4.67	0	0	0	0	0	0	0.072	---	---	11
12	---	---	3.46	0	0.491	0	0	0	0	0.055	---	---	12
13	---	---	3.17	0	0.146	0	0	0	0	0.044	---	---	13
14	---	---	2.36	0	0.080	0	0	0	0	0.032	---	---	14
15	---	---	1.86	0	0.061	0	0	0	0	0.027	---	---	15
16	---	---	1.47	0	0.039	0	0	0	0	0.024	---	---	16
17	---	---	1.04	0	0.028	0	0	0	0	0.020	---	---	17
18	---	---	0.520	0	0.028	0	0	0	0	0.017	---	---	18
19	---	---	0.280	0	0.018	0	0	0	0	0.015	---	---	19
20	---	---	0.189	0	0.010	0	0	0	0	0.013	---	---	20
21	---	---	0.181	0	0.007	0	0	0	0	0.012	---	---	21
22	---	---	0.109	0	0.890	0	0	0	0	0.009	---	---	22
23	---	---	0.063	0	1.08	0	0	0	0	0.008	---	---	23
24	---	---	0.036	0	0.771	0	0	0	0	0.007	---	---	24
25	---	0 B	0.020	0	0.385	0	0	0	18.8	0.006	---	---	25
26	---	0.0209	0.011	0	0.196	0	0	0	12.4	0.006	---	---	26
27	---	0.3888	0.006	0	0.112	0	0	0	7.04	0.006	---	---	27
28	---	0.4328	0.001	0	0.060	0	0	0	5.18	0.005	---	---	28
29	---		0	0	0.044	0	0	0	3.46	0.004	---	---	29
30	---		0	0	0.026	0	0	0	2.77	0.004A	---	---	30
31	---		0		0.018		0	0		0.004E		---	31
TOTAL	---	---	44.854	0	4.679	0.012	0	0	49.55	8.399	---	---	TOTAL
MEAN	---	---	1.45	0	0.148	0	0	0	1.66	0.303	---	---	MEAN
MAX	---	---	5.07	0	1.08	0.010	0	0	18.8	2.11	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0.004	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.443
MAXIMUM DAILY, 18.8 ON SEP 25
MINIMUM DAILY, 0 ON MAR 29
MAXIMUM INSTANTANEOUS,
39.6 AT 13:00 CST ON SEP 25

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 17 N
LONG 109 13 48 W
DRAINAGE AREA, 174 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	3 880	SEP	4 290
APR	0	OCT	812
MAY	395	NOV	---
JUN	1 02	DEC	---

TOTAL DISCHARGE, 8 380 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE DETERMINED BY SLOPE-AREA SURVEYS

MACDONALD CREEK NEAR BOUNTY - STATION NO. 05HF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.190	0.001	0	0	0	0	0	---	---	1
2	---	---	0 B	0.241	0.001	0.011	0	0	0	0	---	---	2
3	---	---	0 B	0.172	0	0.376	0	0	0	0	---	---	3
4	---	---	0 B	0.116	0	0.440	0	0	0	0	---	---	4
5	---	---	0 B	0.082	0	0.413	0	0	0	0	---	---	5
6	---	---	0 B	0.061	0	0.308	0	0	0	0	---	---	6
7	---	---	0 B	0.045	0	0.263	0	0	0	0	---	---	7
8	---	---	0 B	0.033	0	0.171	0	0	0	0	---	---	8
9	---	---	0 B	0.024	0.001	0.103	0	0	0	0	---	---	9
10	---	---	0 B	0.018	0.002	0.049	0	0	0	0	---	---	10
11	---	---	0 B	0.013	0.002	0.022	0	0	0	0	---	---	11
12	---	---	0 B	0.010	0.003	0.010	0	0	0	0	---	---	12
13	---	---	0 B	0.009	0.002	0.008	0	0	0	0	---	---	13
14	---	---	0.0188	0.008	0.002	0.006	0	0	0	0	---	---	14
15	---	---	0.0328	0.006	0.002	0.005	0	0	0	0	---	---	15
16	---	---	0.0488	0.007	0.003	0.005	0	0	0	0	---	---	16
17	---	---	0.0648	0.007	0.003	0.004	0	0	0	0	---	---	17
18	---	---	0.0808	0.006	0.003	0	0	0	0	0	---	---	18
19	---	---	0.0968	0.005	0.002	0	0	0	0	0	---	---	19
20	---	---	0.1578	0.004	0.002	0	0	0	0	0	---	---	20
21	---	---	0.1218	0.004	0.002	0	0	0	0	0	---	---	21
22	---	---	0.1368	0.003	0.002	0	0	0	0	0	---	---	22
23	---	---	0.1458	0.003	0.002	0	0	0	0	0	---	---	23
24	---	---	0.1188	0.003	0.002	0	0	0	0	0	---	---	24
25	---	---	0.1248	0.003	0.002	0	0	0	0	0	---	---	25
26	---	---	0.1118	0.003	0.001	0	0	0	0	0	---	---	26
27	---	---	0.1408	0.002	0.001	0	0	0	0	0	---	---	27
28	---	---	0.134	0.002	0.001	0	0	0	0	0	---	---	28
29	---		0.156	0.002	0.001	0	0	0	0	0	---	---	29
30	---		0.267	0.002	0.001	0	0	0		0		---	30
31	---		0.224		0		0	0		0			31
TOTAL	---	---	2.135	1.088	0.044	2.194	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.069	0.036	0.001	0.073	0	0	0	0	---	---	MEAN
MAX	---	---	0.267	0.241	0.003	0.440	0	0	0	0	---	---	MAX
MIN	---	---	0	0.002	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.022
MAXIMUM DAILY, 0.440 ON JUN 4
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.481 AT 03:45 CST ON JUN 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 31 56 N
LONG 107 24 44 W
DRAINAGE AREA, 2 560 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	185	SEP	>
APR	94.0	OCT	0
MAY	3.80	NOV	---
JUN	190	DEC	---

TOTAL DISCHARGE, 473 dam³

MACFARLANE RIVER AT OUTLET OF DAVY LAKE - STATION NO. 07MB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	40.8	40.3	39.2	38.3	76.0	87.3	80.2	71.7	65.4	51.8	51.8	49.1	1
2	40.3	40.6	39.1	38.5	79.1	89.3	81.2	71.0	63.6	53.8	51.6	48.8	2
3	40.5	40.8	40.1	38.0	81.7	83.3	59.4	70.4	61.2	53.3	51.4	48.1	3
4	40.5	40.9	37.4	38.7	84.0	84.1	57.0	71.2	61.8	52.1	51.6	47.8	4
5	40.3	40.6	38.5	40.2	86.5	82.7	58.6	71.5	62.6	54.0	52.3	47.4	5
6	40.2	40.2	42.5	40.4	88.4	80.0	62.0	71.4	62.6	51.7	52.1	46.2	6
7	40.4	39.1	37.3	40.3	90.7	79.4	63.8	68.0	59.3	51.0	51.8	45.5	7
8	40.9	38.6	36.6	41.2	92.5	78.2	63.9	67.0	59.2	53.2	49.2	45.6	8
9	40.8	38.2	37.0	41.0	93.7	76.1	64.8	68.5	58.1	53.8	49.1	45.8	9
10	41.1	38.2	37.3	42.7	93.6	78.4	64.8	68.2	56.6	52.5	48.4	45.8	10
11	41.5	38.2	38.9	41.8	95.1	73.4	65.7	68.7	56.8	56.3	48.3	45.1	11
12	41.2	38.1	37.5	42.7	95.8	71.3	65.7	67.7	58.2	55.1	48.1	44.9	12
13	41.2	38.0	38.6	43.0	96.0	71.0	64.1	66.8	58.2	54.0	47.1	45.6	13
14	41.4	38.0	39.0	44.0	95.7	68.5	67.9	69.0	57.4	56.5	46.6	46.6	14
15	41.2	38.1	39.7	45.0	95.6	67.0	66.3	64.3	56.9	54.8	45.6	46.7	15
16	41.1	37.5	39.5	45.4	97.0	67.1	66.5	64.7	56.6	55.3	45.0	46.8	16
17	40.6	36.9	39.3	45.3	97.7	68.4	67.8	64.4	55.5	55.2	44.9	47.3	17
18	40.5	36.5	38.3	46.3	96.8	65.3	68.0E	64.7	56.8	55.6	44.8	47.0	18
19	40.4	36.2	38.3	47.5	96.1	68.0	68.5E	64.7	55.7	55.6	44.6	46.7	19
20	40.5	35.9	38.6	49.2	97.3	76.0A	69.0E	65.3	55.0	55.2	44.5	46.2	20
21	40.3	35.9	38.0	50.0	97.3	84.2A	69.5E	65.5	55.7	55.4	45.2	46.2	21
22	39.0	36.2	34.3	51.0	97.3	83.6	70.0E	67.1	54.0	55.5	46.5	46.0	22
23	38.7	36.3	37.7	52.1	97.5	86.0	70.3A	66.4	52.7	55.4	46.6	45.8	23
24	39.2	36.2	37.6	54.2	95.1	84.3	72.2	64.8	51.7	54.6	47.8	45.7	24
25	71.3	37.2	38.3	56.0	95.1	84.2	72.2	65.8	52.6	55.5	48.4	46.2	25
26	38.9	38.5	38.9	58.7	94.8	63.8	72.1	64.5	50.9	54.9	48.2	46.5	26
27	39.1	39.0	39.6	61.9	94.6	61.9	72.6	65.3	52.6	54.0	48.2	46.2	27
28	39.3	39.4	39.8	64.2	91.3	62.7	72.2	65.3	52.7	55.1	48.3	45.8	28
29	40.0		39.6	66.3	89.0	62.4A	72.1	65.8	53.1	56.6	48.4	45.7	29
30	39.5		40.0	71.8	81.7	59.5A	70.7	65.3	52.4	52.8	48.9	45.3	30
31	40.0		40.0		87.3		70.6	62.0		51.8		44.6	31
TOTAL	1 246.8	1 069.6	1 194.5	1 438.7	2 880.1	2 146.2	2 073.3	2 076.8	1 705.8	1 682.0	1 445.1	1 436.8	TOTAL
MEAN	40.3	38.2	38.5	46.0	92.3	71.5	66.9	67.0	56.9	54.3	48.2	46.3	MEAN
MAX	41.5	40.9	42.5	71.8	97.7	89.3	72.6	71.7	65.4	56.6	52.3	49.1	MAX
MIN	38.7	35.9	34.3	38.3	76.0	59.5	57.0	62.0	50.9	51.0	44.5	44.6	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 55.8
MAXIMUM DAILY, 97.7 ON MAY 17
MINIMUM DAILY, 34.3 ON MAR 22
MAXIMUM INSTANTANEOUS,
102 AT 13 34 CST ON MAY 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 58 00 N
LONG 108 10 30 W
DRAINAGE AREA, 9 120 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	108 000	JUL	178 000
FEB	92 400	AUG	179 000
MAR	103 000	SEP	147 000
APR	124 000	OCT	145 000
MAY	247 000	NOV	125 000
JUN	185 000	DEC	124 000

TOTAL DISCHARGE, 1 780 000 dam³

REMARKS - DISCHARGES ARE AFFECTED BY WIND ON DAVY LAKE

MACNAB CREEK NEAR SOMME - STATION NO. 05LB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.20 B	0.145	0.191	0	0	0	0	0	---	1
2	---	---	0 B	0.669B	0.162	0.188	0.005	0	0	0	0	---	2
3	---	---	0 B	0.351B	0.153	0.189	0.002	0	0	0	0	---	3
4	---	---	0 B	0.245B	0.139	0.184	0	0	0	0	0	---	4
5	---	---	0 B	0.283B	0.178	0.184	0	0	0	0	0.022A	---	5
6	---	---	0 B	0.652	0.182	0.270	0	0	0	0	---	---	6
7	---	---	0 B	0.959	0.220	0.270	0	0	0	0	---	---	7
8	---	---	0 B	0.696	0.185	0.178	0	0.208	0	0	---	---	8
9	---	---	0 B	0.665	0.122	0.169	0	0.152	0	0	---	---	9
10	---	---	0 B	0.668	0.243	0.214	0.001	0.095	0	0	---	---	10
11	---	---	0 B	0.510	0.459	0.212	0	0.060	0	0	---	---	11
12	---	---	0 B	0.590	0.518	0.172	0	0.026	0	0	---	---	12
13	---	---	0 B	0.431	0.583	0.138	0	0.007	0	0	---	---	13
14	---	---	0 B	0.283	0.567	0.102	0	0	0	0	---	---	14
15	---	---	0 B	0.226	0.557	0.074	0	0	0.026	0	---	---	15
16	---	---	0 B	0.254	0.527	0.053	0	0	0	0	---	---	16
17	---	---	0 B	0.320	0.462	0.042	0	0	0	0	---	---	17
18	---	---	0 B	0.267	0.423	0.029	0	0	0	0	---	---	18
19	---	---	0 B	0.288	0.420	0.026	0	0	0	0	---	---	19
20	---	---	0 B	0.230	0.620	0.025	0	0	0	0	---	---	20
21	---	---	0 B	0.256	0.557	0.018	0	0	0	0	---	---	21
22	---	---	0 B	0.211	0.327	0.030	0	0	0	0	---	---	22
23	---	---	0 B	0.202	0.323	0.018	0	0	0	0	---	---	23
24	---	---	0 B	0.239	0.298	0.024	0	0	0	0	---	---	24
25	---	---	0 B	0.240	0.261	0.001	0	0	0	0	---	---	25
26	---	---	0 B	0.236	0.281	0	0	0	0	0	---	---	26
27	---	---	0 B	0.185	0.256	0.007	0	0	0	0	---	---	27
28	---	---	0.010B	0.182	0.238	0.001	0	0	0	0	---	---	28
29	---		0.020B	0.193	0.230	0	0	0	0	0	---	---	29
30	---		0.285B	0.189	0.250	0	0	0	0	0	---	---	30
31	---		1.17 B		0.225		0	0		0		---	31
TOTAL	---	---	1.485	11.910	10.120	2.983	0.008	0.550	0.026	0	---	---	TOTAL
MEAN	---	---	0.048	0.397	0.326	0.099	0	0.018	0.001	0	---	---	MEAN
MAX	---	---	1.17	1.20	0.620	0.270	0.005	0.208	0.026	0	---	---	MAX
MIN	---	---	0	0.189	0.122	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.111
MAXIMUM DAILY, 1.20B ON APR 1
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 38 29 N
LONG 102 57 57 W
DRAINAGE AREA, 87.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0.80
FEB	---	AUG	47.5
MAR	128	SEP	2.25
APR	1 030	OCT	0
MAY	874	NOV	---
JUN	258	DEC	---

TOTAL DISCHARGE, 2 340 dam³

MADGE LAKE NEAR KAMSACK - STATION NO. 05LE012

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	508.618E	508.571	508.571	508.465	508.476	---	---	1
2	---	---	---	---	---	508.617	508.569	508.563	508.482	508.473	---	---	2
3	---	---	---	---	---	508.613	508.567	508.558	508.482	508.469	---	---	3
4	---	---	---	---	---	508.610	508.570	508.566	508.478	---	---	---	4
5	---	---	---	---	---	508.606	508.572E	508.574	508.472	---	---	---	5
6	---	---	---	---	---	508.610	508.585E	508.582	---	508.463	---	---	6
7	---	---	---	---	---	508.608E	508.594	508.583	---	508.461	---	---	7
8	---	---	---	---	---	508.603E	508.601	508.579	508.458	508.457	---	---	8
9	---	---	---	---	---	508.601	508.603	508.576E	508.456	508.453	---	---	9
10	---	---	---	---	---	508.605	508.607	508.574E	508.450	508.449	---	---	10
11	---	---	---	---	---	508.601	508.611	508.572	508.445	---	---	---	11
12	---	---	---	---	---	508.596	508.608E	508.568	508.444	---	---	---	12
13	---	---	---	---	---	508.594	508.605F	508.564	---	---	---	---	13
14	---	---	---	---	508.644	508.592E	508.602	508.560	---	508.447	---	---	14
15	---	---	---	---	---	508.590E	508.600	508.556	508.450	508.445	---	---	15
16	---	---	---	---	---	508.587	508.598	508.552E	508.448	508.443	---	---	16
17	---	---	---	---	---	508.585	508.597	508.548E	508.450	508.443	---	---	17
18	---	---	---	---	---	508.582	508.593	508.540	508.448	---	---	---	18
19	---	---	---	---	---	508.582	508.590E	508.534	508.446	---	---	---	19
20	---	---	---	---	---	508.582	508.587E	508.530	---	508.447	---	---	20
21	---	---	---	---	---	508.581E	508.584	508.524	---	508.445	---	---	21
22	---	---	---	---	---	508.590E	508.582	508.523	508.448	508.445	---	---	22
23	---	---	---	---	---	508.589	508.579	508.519E	508.452	508.443	---	---	23
24	---	---	---	---	---	508.587	508.575	508.518E	508.450	508.441	---	---	24
25	---	---	---	---	---	508.585	508.573	508.513	---	---	---	---	25
26	---	---	---	---	---	508.589	508.572E	508.510	508.454	---	---	---	26
27	---	---	---	---	---	508.588	508.571E	508.505	---	508.437	---	---	27
28	---	---	---	---	---	508.584	508.570	508.500	---	508.433	---	---	28
29	---		---	---	---	508.580	508.568	508.498	508.472	508.431	---	---	29
30	---		---	---	---	508.578	508.568	508.498E	508.472	508.429	---	---	30
31	---		---		---		508.567	508.493		508.427			31
MEAN	---	---	---	---	---	508.595	508.585	508.544	---	---	---	---	MEAN
MAX	---	---	---	---	---	508.618	508.611	508.583	---	---	---	---	MAX
MIN	---	---	---	---	---	508.575	508.567	508.493	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 38 23 N
LONG 101 39 43 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAGNUSSON CREEK NEAR WYNYARD - STATION NO. 05MA021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.767	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.584	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.3658	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.3628	0	0	0	0	0	0	---	---	4
5	---	---	0.0018	0.336	0	0	0	0	0	0	---	---	5
6	---	---	0.0018	0.290	0	0	0	0	0	0	---	---	6
7	---	---	0.0018	0.254	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.207	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.163	0.001	0	0	0	0	0	---	---	9
10	---	---	0 B	0.109	0.026	0	0	0	0	0	---	---	10
11	---	---	0.0018	0.0688	0.083	0	0	0	0	0	---	---	11
12	---	---	0.0178	0.0388	0.044	0	0	0	0	0	---	---	12
13	---	---	0.0378	0.0248	0.053	0	0	0	0	0	---	---	13
14	---	---	0.0878	0.015	0.026	0	0	0	0	0	---	---	14
15	---	---	0.1638	0.011	0.016	0	0	0	0	0	---	---	15
16	---	---	0.9428	0.008	0.008	0	0	0	0	0	---	---	16
17	---	---	0.8198	0.008	0.003	0	0	0	0	0	---	---	17
18	---	---	0.6848	0.008	0.005	0	0	0	0	0	---	---	18
19	---	---	0.5958	0.004	0.002	0	0	0	0	0	---	---	19
20	---	---	0.4338	0.007	0.001	0	0	0	0	0	---	---	20
21	---	---	0.5028	0.011	0	0	0	0	0	0	---	---	21
22	---	---	0.8358	0.009	0	0	0	0	0	0	---	---	22
23	---	---	0.8788	0.008	0	0	0	0	0	0	---	---	23
24	---	---	0.9538	0.005	0	0	0	0	0	0	---	---	24
25	---	---	0.3108	0.003	0	0	0	0	0	0	---	---	25
26	---	---	0.1818	0.004	0	0	0	0	0	0	---	---	26
27	---	---	0.1378	0.003	0	0	0	0	0	0	---	---	27
28	---	---	1.14 B	0.001	0	0	0	0	0	0	---	---	28
29	---		2.15 B	0	0	0	0	0	0	0	---	---	29
30	---		1.35 B	0	0	0	0	0	0	0	---	---	30
31	---		1.05 B		0		0	0		0			31
TOTAL	---	---	13.377	3.849	0.310	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.432	0.122	0.010	0	0	0	0	0	---	---	MEAN
MAX	---	---	2.15	0.767	0.084	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.071
MAXIMUM DAILY, 2.15B ON MAR 28
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.55B AT 23:48 CST ON MAR 28

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 48 52 N
LONG 104 12 07 W
DRAINAGE AREA, 121 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1 160	SEP	0
APR	315	OCT	0
MAY	26.8	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 500 dam³

MAKWA LAKE NEAR LOON LAKE - STATION NO. 05AD014

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	524.338	---	524.405	---	524.251	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	524.371	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	524.349	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	524.325	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	524.295	524.218	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	524.276	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	524.446	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	524.315	---	---	524.445	---	524.206	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	524.239	---	---	---	24
25	---	---	---	---	---	---	---	524.425	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	524.185	---	---	29
30	---		---	---	---	---	---	---	---	524.180	---	---	30
31	---		---		524.338		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 04 46 N
LONG 109 12 23 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAKWA RIVER AT OUTLET OF MAKWA LAKE - STATION NO. 05AD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1508	0.490	0.783	1.57	1.88	3.43	3.67	1.26	0.508	---	1
2	---	---	0.1508	0.489	0.782	1.65	1.81	3.51	3.66	1.19	0.501	---	2
3	---	---	0.1508	0.511	0.780	1.67	1.87	4.83	3.67	1.17	0.500	---	3
4	---	---	0.1508	0.525	0.777	1.48	1.89	5.80	3.22	1.11	0.5138	---	4
5	---	---	0.1508	0.541	0.781	1.54	1.68	6.15	3.08	1.06	0.5234	---	5
6	---	---	0.1508	0.561	0.781	1.55	1.55	6.38	2.97	1.10	---	---	6
7	---	---	0.1608	0.567	0.786	1.63	1.46	6.53	2.87	0.985	---	---	7
8	---	---	0.1808	0.570	0.827	1.57	1.43	6.62	2.76	0.976	---	---	8
9	---	---	0.1858	0.586	0.878	1.55	1.39	6.61	2.87	0.976	---	---	9
10	---	---	0.2028	0.6058	0.888	1.48	1.31	6.84	2.87	0.904	---	---	10
11	---	---	0.2098	0.6528	0.874	1.43	1.39	6.81	2.50	0.845	---	---	11
12	---	---	0.2118	0.6788	0.842	1.35	1.48	6.65	2.56	0.820	---	---	12
13	---	---	0.2178	0.7008	0.8858	1.28	1.54	6.58	2.42	0.784	---	---	13
14	---	---	0.2268	0.7158	0.948	1.24	1.78	6.46	2.26	0.782	---	---	14
15	---	---	0.2488	0.724	1.20	1.14	1.74	6.45	2.16	0.762	---	---	15
16	---	---	0.2828	0.731	1.26	1.15	1.68	6.02	2.12	0.747	---	---	16
17	---	---	0.2938	0.763	1.22	1.10	1.81	5.83	2.06	0.751	---	---	17
18	---	---	0.3018	0.833	1.28	1.07	2.20	5.65	1.95	0.740	---	---	18
19	---	---	0.3088	0.841	1.28	2.88	2.34	5.48	1.82	0.723	---	---	19
20	---	---	0.3178	0.840	1.31	2.41	2.36	5.40	1.72	0.709	---	---	20
21	---	---	0.3278	0.842	1.30	2.41	2.42	5.29	1.86	0.700	---	---	21
22	---	---	0.3368	0.836	1.47	2.17	2.49	5.08	1.82	0.882	---	---	22
23	---	---	0.3368	0.817	1.57	2.12	1.90	4.85	1.45	0.867	---	---	23
24	---	---	0.3538	0.810	1.57	2.14	1.80	4.88	1.29	0.852	---	---	24
25	---	---	0.3838	0.788	1.62	2.11	1.84	4.82	1.18	0.839	---	---	25
26	---	---	0.3928	0.799	1.61	2.22	1.80	4.50	1.18	0.843	---	---	26
27	---	---	0.405	0.782	1.63	2.11	1.89	4.39	1.34	0.831	---	---	27
28	---	---	0.425	0.789	1.62	2.03	2.00	4.28	1.34	0.588	---	---	28
29	---		0.442	0.787	1.61	1.97	2.15	4.17	1.30	0.877	---	---	29
30	---		0.460	0.798	1.58	1.93	3.10	4.06	1.27	0.585	---	---	30
31	---		0.483		1.58		3.18	3.84		0.5578		---	31
TOTAL	---	---	8.593	21.000	36.823	51.46	59.17	167.83	65.20	25.285	---	---	TOTAL
MEAN	---	---	0.277	0.700	1.18	1.72	1.91	5.41	2.21	0.816	---	---	MEAN
MAX	---	---	0.483	0.842	1.63	2.86	3.18	6.65	3.67	1.28	---	---	MAX
MIN	---	---	0.150	0.490	0.761	1.07	1.31	3.43	1.18	0.557	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.78
MAXIMUM DAILY, 6.65 ON AUG 12
MINIMUM DAILY, 0.1508 ON MAR 1
MAXIMUM INSTANTANEOUS,
6.78 AT 13:30 CST ON AUG 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 04 40 N
LONG 109 12 00 W
DRAINAGE AREA, 1 420 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	5 110
FEB	---	AUG	14 600
MAR	742	SEP	5 720
APR	1 810	OCT	2 180
MAY	3 180	NOV	---
JUN	4 450	DEC	---

TOTAL DISCHARGE, 37 700 dam³

MAKWA RIVER AT RAPID VIEW - STATION NO. 06AD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.3308	3.338	1.76	6.04	3.67	5.63	5.76	2.05	1.06	---	1
2	---	---	0.3308	5.628	1.70	5.70	3.61	6.68	5.53	1.98	0.974	---	2
3	---	---	0.3308	8.338	1.67	5.29	3.59	8.67	5.35	1.94	0.856	---	3
4	---	---	0.3308	11.8 B	1.62	4.97	3.53	11.9 A	5.15	1.86	1.00 A	---	4
5	---	---	0.3308	14.7 B	1.59	4.80	3.41	14.2 E	5.01	1.82	---	---	5
6	---	---	0.3308	15.0	1.64	4.53	3.35	15.8 A	4.89	1.79	---	---	6
7	---	---	0.3308	14.0	1.68	4.30	3.23	16.4	4.66	1.78	---	---	7
8	---	---	0.3308	13.0	1.71	4.10	3.01	16.5	4.41	1.76	---	---	8
9	---	---	0.3308	11.2	1.64	3.84	2.85	16.6	4.20	1.73	---	---	9
10	---	---	0.3308	9.98	1.91	3.61	2.77	16.6	3.98	1.61	---	---	10
11	---	---	0.3208	7.85	1.96	3.32	2.74	16.1	3.75	1.65	---	---	11
12	---	---	0.3278	8.14A	2.02	3.13	2.78	15.5	3.80	1.56	---	---	12
13	---	---	0.3358	7.00E	1.87	2.96	2.81	14.6	3.70	1.53	---	---	13
14	---	---	0.3308	5.30E	2.12	2.78	2.98	13.8	3.51	1.51	---	---	14
15	---	---	0.3178	3.78A	2.78	2.57	2.98	13.0	3.36	1.47	---	---	15
16	---	---	0.3138	3.65	3.25	2.52	3.04	12.1	3.29	1.45	---	---	16
17	---	---	0.3088	3.58	3.80	2.40	3.30	11.5	3.20	1.40	---	---	17
18	---	---	0.3078	3.62	4.50	2.28	3.45	10.9	3.13	1.38	---	---	18
19	---	---	0.3078	3.11	4.68	2.90	3.46	10.2	3.03	1.37	---	---	19
20	---	---	0.3228	2.85	5.02	3.18	3.44	9.75	2.86	1.37	---	---	20
21	---	---	0.3698	2.76	5.31	3.37	3.42	9.20	2.74	1.35	---	---	21
22	---	---	0.5368	2.55	5.58	3.69	3.45	8.76	2.64	1.33	---	---	22
23	---	---	0.7308	2.37	5.88	3.82	3.47	8.41	2.49	1.26	---	---	23
24	---	---	0.9438	2.21	6.17	3.78	3.54	7.95	2.37	1.23	---	---	24
25	---	---	1.22 B	2.03	6.40	3.78	3.61	7.65	2.23	1.21	---	---	25
26	---	---	1.45 B	1.90	6.55	3.87	3.66	7.34	2.34	1.20	---	---	26
27	---	---	1.48 B	1.81	6.58	3.87	3.70	7.05	2.44	1.18	---	---	27
28	---	---	1.76 B	1.75	6.59	3.85	3.78	6.76	2.29	1.18	---	---	28
29	---		1.84 B	1.77	6.57	3.80	4.13	6.49	2.15	1.18	---	---	29
30	---		1.97 B	1.78	6.45	3.75	4.97	6.25	2.09	1.10	---	---	30
31	---		2.27 B		6.24		5.00	6.00		0.891			31
TOTAL	---	---	21.054	176.79	117.36	112.80	106.83	338.29	106.35	46.201	---	---	TOTAL
MEAN	---	---	0.679	5.86	3.79	3.76	3.45	10.9	3.55	1.49	---	---	MEAN
MAX	---	---	2.27	15.0	6.59	6.04	5.00	16.6	5.76	2.05	---	---	MAX
MIN	---	---	0.307	1.75	1.59	2.28	2.74	5.63	2.09	0.891	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.19
MAXIMUM DAILY, 16.6 ON AUG 9
MINIMUM DAILY, 0.3078 ON MAR 18
MAXIMUM INSTANTANEOUS,
16.7 AT 05:30 CST ON AUG 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 08 50 N
LONG 108 48 20 W
DRAINAGE AREA, 2 740 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	9 230
FEB	---	AUG	25 200
MAR	1 820	SEP	9 190
APR	15 300	OCT	3 990
MAY	10 100	NOV	---
JUN	9 750	DEC	---

TOTAL DISCHARGE, 85 600 dam³

MALONECK CREEK NEAR PELLY - STATION NO. 05LE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.5088	0.717	0.108	0.137	0.116	0.001E	0.145	0.048	---	1
2	---	---	0 B	0.4358	0.651	0.111	0.114	0.103	0.001E	0.150	0.039	---	2
3	---	---	0 B	0.5088	0.652	0.083	0.099	0.115	0.001A	0.169	0.029	---	3
4	---	---	0 B	0.5498	0.705	0.079	0.078	0.140	0.001E	0.160	0.034A	---	4
5	---	---	0 B	1.05 B	0.647	0.148	0.124	0.139	0.001E	0.139	---	---	5
6	---	---	0 B	4.29 B	0.594	0.175	0.126	0.137	0.001E	0.196	---	---	6
7	---	---	0 B	10.2 B	0.609	0.244	0.137	0.123	0.001E	0.150	---	---	7
8	---	---	0 B	12.7 B	0.587	0.336	0.225	0.088	0.001E	0.172	---	---	8
9	---	---	0 B	9.49 B	0.581	0.396	0.232	0.080	0.001E	0.112	---	---	9
10	---	---	0 B	7.10 B	0.636	0.367	0.374	0.074	0.001E	0.120	---	---	10
11	---	---	0 B	5.33 B	0.608	0.398	0.381	0.068	0.001E	0.129	---	---	11
12	---	---	0 B	3.40 B	0.658	0.379	0.371	0.063	0.001E	0.108	---	---	12
13	---	---	0 B	3.03 B	0.749	0.350	0.370	0.044	0.001E	0.112	---	---	13
14	---	---	0 B	2.08 B	0.804	0.308	0.482	0.031	0.001E	0.105	---	---	14
15	---	---	0 B	1.80 B	0.748	0.261	0.392	0.021	0.001E	0.099	---	---	15
16	---	---	0 B	1.21	1.06	0.197	0.403	0.015	0.001E	0.092	---	---	16
17	---	---	0 B	1.12	1.08	0.159	0.416	0.012	0.001E	0.084	---	---	17
18	---	---	0 B	1.26	0.841	0.135	0.826	0.009	0.001E	0.087	---	---	18
19	---	---	0 B	1.50	0.714	0.143	1.01	0.007	0.001E	0.098	---	---	19
20	---	---	0.0048	1.43	0.575	0.182	0.893	0.004	0.001E	0.081	---	---	20
21	---	---	0.0358	1.42	0.497	0.128	0.735	0.001	0.001E	0.079	---	---	21
22	---	---	0.0218	1.29	0.418	0.107	0.591	0.001	0.002A	0.067	---	---	22
23	---	---	0.0158	1.26	0.399	0.104	0.486	0.001A	0.002	0.062	---	---	23
24	---	---	0.0438	1.31	0.368	0.099	0.313	0.001E	0.002	0.055	---	---	24
25	---	---	0.0678	1.25	0.308	0.113	0.247	0.001E	0.002	0.056	---	---	25
26	---	---	0.0808	1.15	0.272	0.172	0.228	0.001E	0.004	0.052	---	---	26
27	---	---	0.1198	1.10	0.236	0.234	0.125	0.001E	0.003	0.049	---	---	27
28	---	---	0.1218	1.04	0.212	0.221	0.193	0.001E	0.019	0.046	---	---	28
29	---		0.1338	0.859	0.188	0.191	0.101	0.001E	0.122	0.037	---	---	29
30	---		0.2578	0.780	0.156	0.160	0.108	0.001E	0.140	0.040	---	---	30
31	---		0.3898		0.122		0.103	0.001E		0.064		---	31
TOTAL	---	---	1.244	80.287	17.491	8.089	10.461	1.401	0.317	3.183	---	---	TOTAL
MEAN	---	---	0.040	2.68	0.564	0.203	0.337	0.045	0.011	0.100	---	---	MEAN
MAX	---	---	0.389	12.7	1.08	0.398	1.01	0.140	0.140	0.196	---	---	MAX
MIN	---	---	0	0.435	0.122	0.079	0.078	0.001	0.001	0.037	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.491
MAXIMUM DAILY, 12.78 ON APR 8
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
17.38 AT 22:46 CST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 58 05 N
LONG 101 54 50 W
DRAINAGE AREA, 180 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	884
FEB	---	AUG	121
MAR	107	SEP	37.4
APR	5 845	OCT	288
MAY	1 510	NOV	---
JUN	536	DEC	---

TOTAL DISCHARGE, 10 400 dam³

REMARKS - THE PEAK DISCHARGE OCCURRED DURING A PERIOD OF CHANGING STAGE AND BACKWATER

MANITO LAKE NEAR MARSDEN - STATION NO. 05GA005

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	24.462	24.432	24.421	24.357	---	---	---	1
2	---	---	---	---	---	24.462	24.432	24.422	24.338	---	---	---	2
3	---	---	---	---	---	24.461	24.432	24.422	24.337	---	---	---	3
4	---	---	---	---	---	24.461	24.432	24.433	24.333	---	---	---	4
5	---	---	---	---	---	24.461	24.420	24.441	24.320	---	---	---	5
6	---	---	---	---	---	24.461	24.420	24.438	24.320	---	---	---	6
7	---	---	---	---	---	24.455	24.420	24.443	---	---	---	---	7
8	---	---	---	---	---	24.453	24.420	24.438	---	---	---	---	8
9	---	---	---	---	---	24.445	24.420	24.437	---	---	---	---	9
10	---	---	---	---	---	24.445	24.420	24.437	---	---	---	---	10
11	---	---	---	---	---	24.421	24.420	24.437	---	---	---	---	11
12	---	---	---	---	---	24.421	24.420	24.435	---	---	---	---	12
13	---	---	---	---	---	24.421	24.420	24.435	---	---	---	---	13
14	---	---	---	---	---	24.421	24.418	24.433	---	---	---	---	14
15	---	---	---	---	---	24.421	24.418	24.431	---	---	---	---	15
16	---	---	---	---	---	24.421	24.418	24.411	---	---	---	---	16
17	---	---	---	---	---	24.421	24.418	24.409	---	---	---	---	17
18	---	---	---	---	---	24.432	24.420	24.405	---	---	---	---	18
19	---	---	---	---	---	24.462	24.419	24.393	---	---	---	---	19
20	---	---	---	---	---	24.462	24.419	24.393	---	---	---	---	20
21	---	---	---	---	---	24.462	24.419	24.393	---	---	---	---	21
22	---	---	---	---	---	24.462	24.419	24.393	---	---	---	---	22
23	---	---	---	---	24.463	24.462	24.419	24.391	---	---	---	---	23
24	---	---	---	---	24.463	24.462	24.419	24.389	---	---	---	---	24
25	---	---	---	---	24.463	24.434	24.419	24.387	---	---	---	---	25
26	---	---	---	---	24.463	24.438	24.419	24.373	---	---	---	---	26
27	---	---	---	---	24.463	24.441	24.419	24.368	---	---	---	---	27
28	---	---	---	---	24.463	24.441	24.417	24.367	---	---	---	---	28
29	---		---	---	24.462	24.441	24.417	24.359	---	---	---	---	29
30	---		---	---	24.462	24.441	24.419	24.357	---	24.268	---	---	30
31	---		---		24.462		24.419	24.357		---		---	31
MEAN	---	---	---	---	---	24.461	24.421	24.408	---	---	---	---	MEAN
MAX	---	---	---	---	---	24.462	24.432	24.443	---	---	---	---	MAX
MIN	---	---	---	---	---	24.421	24.417	24.357	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 47 33 N
LONG 109 47 14 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MAPLE CREEK BELOW JUNCTION RESERVOIR - STATION NO. 05HA075

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0038	0.0038	0.0138	0.002	1.91	1.47	0.005	0.005	0	0.007	0.007	---	1
2	0.0038	0.0038	0.0138	0.002	1.90	1.55	0.004	0.005	0	0.008	0.007	---	2
3	0.0038	0.0038	0.0138	0.002	1.88	1.84	0.004	0.006	0	0.007	0.008	---	3
4	0.0038	0.0048	0.0128	0.001	1.87	1.74	0.003	0.005	0	0.006	0.008	---	4
5	0.0038	0.0048	0.0108	0.001	1.80	1.84	0.004	0.006	0.007	0.006	0.008A	---	5
6	0.0038	0.0048	0.0088	0.001	0.578	2.08	0.005	0.008	0.008	0.006	---	---	6
7	0.0038	0.0038	0.0098	0.001	0.005	2.38	0.004	0.007	0.007	0.006	---	---	7
8	0.0048	0.0038	0.0108	0.001	0.004	2.43	0.002	0.006	0.007	0.007	---	---	8
9	0.0048	0.0028	0.0098	0	0.004	2.47	0.003	0.006	0.007	0.006	---	---	9
10	0.0048	0.0018	0.0088	0.001	0.004	2.53	0.003	0.006	0.008	0.008	---	---	10
11	0.0048	0.0018	0.0088	0.001	0.003	2.47	0.002	0.006	0.007	0.007	---	---	11
12	0.0048	0.0018	0.0078	0	0.002	2.02	0.001	0.005	0.006	0.006	---	---	12
13	0.0048	0.0018	0.0088	0	0.002	1.78	0.002	0.003	0.008	0.008	---	---	13
14	0.0048	0.0018	0.007	0	0.001	1.82	0.004	0.005	0.007	0.006	---	---	14
15	0.0048	0.0018	0.006	0	0.001	1.84	0.002	0.003	0.007	0.006	---	---	15
16	0.0048	0.0018	0.005	0	0	1.51	0.058	0.005	0.054	0.006	---	---	16
17	0.0048	0.0018	0.005	0	0	1.27	0.056	0.005	0.037	0.006	---	---	17
18	0.0048	0.0018	0.005	0	0.001	0.614	0.008	0.004	0.013	0.006	---	---	18
19	0.0048	0.0018	0.005	0	0.001	0.614	0.005	0.003	0.011	0.006	---	---	19
20	0.0048	0.0018	0.005	0	0.001	0.607	0.004	0.003	0.010	0.006	---	---	20
21	0.0048	0.0018	0.005	0	0.001	0.605	0.004	0.002	0.010	0.005	---	---	21
22	0.0038	0.0028	0.004	0	0.004	0.605	0.004	0.001	0.007	0.006	---	---	22
23	0.0038	0.0038	0.004	0	0.003	0.605	0.004	0.003	0.008	0.006	---	---	23
24	0.0038	0.0088	0.003	0	0.002	0.604	0.005	0.004	0.008	0.008	---	---	24
25	0.0038	0.0148	0.004	0	0.001	0.603	0.003	0.004	0.084	0.006	---	---	25
26	0.0038	0.0188	0.003	0	0.001	0.602	0.003	0.004	0.037	0.005	---	---	26
27	0.0038	0.0148	0.003	0	0	0.601	0.007	0.003	0.014	0.007	---	---	27
28	0.0048	0.0138	0.003	1.12	0	0.002	0.006	0.001	0.010	0.007	---	---	28
29	0.0038		0.003	1.85	0.001	0.005	0.003	0	0.008	0.007	---	---	29
30	0.0038		0.003	1.92	0.852	0.006	0.002	0	0.007	0.0108	---	---	30
31	0.0038		0.003		1.48		0.004	0		0.0118		---	31
TOTAL	0.108	0.113	0.206	5.003	12.293	33.543	0.331	0.124	0.371	0.205	---	---	TOTAL
MEAN	0.003	0.004	0.007	0.167	0.397	1.12	0.007	0.004	0.012	0.007	---	---	MEAN
MAX	0.004	0.018	0.013	1.85	1.91	2.53	0.058	0.008	0.084	0.011	---	---	MAX
MIN	0.003	0.001	0.003	0	0	0.001	0.001	0	0	0.005	---	---	MIN

SUMMARY FOR THE MONTHS JAN TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.172
MAXIMUM DAILY, 2.53 ON JUN 10
MINIMUM DAILY, 0 ON APR 9
MAXIMUM INSTANTANEOUS,
2.59 AT 14:30 CST ON JUN 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 52 N
LONG 109 31 22 W
DRAINAGE AREA, 1 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9.33	JUL	20.6
FEB	9.78	AUG	10.7
MAR	17.8	SEP	32.1
APR	432	OCT	17.7
MAY 1	060	NOV	---
JUN 2	900	DEC	---

TOTAL DISCHARGE, 4 510 dam³

REMARKS - SOME FLOW OCCURRED IN JAN AND FEB, OUTSIDE THE STANDARD PERIOD

MAREAN LAKE NEAR CHELAN - STATION NO. 05LB012

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	532.761	532.681	532.731	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	532.681	---	---	---	---	---	3
4	---	---	---	---	---	532.761	---	532.711	---	---	532.461	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	532.761	532.686	---	---	---	---	---	6
7	---	---	---	---	---	---	---	532.701	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	532.681	---	---	---	---	---	9
10	---	---	---	---	---	532.746	---	532.691	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	532.651	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	532.671	---	---	---	---	---	14
15	---	---	---	---	---	532.711	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	532.666	---	---	---	---	---	17
18	---	---	---	---	532.781	---	---	532.611	---	---	---	---	18
19	---	---	---	---	---	532.711	532.665	---	---	---	---	---	19
20	---	---	---	---	532.771	---	---	---	---	---	---	---	20
21	---	---	---	---	---	532.701	532.651	---	---	---	---	---	21
22	---	---	---	---	---	---	---	532.571	---	---	---	---	22
23	---	---	---	---	532.771	532.701	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	532.771	---	---	532.561	---	---	---	---	25
26	---	---	---	---	---	---	532.631	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	532.771	532.691	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	532.681	532.641	---	---	---	---	---	30
31	---		---		532.761		532.731	532.551		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 29 57 N
LONG 103 34 29 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MCDONALD CREEK NEAR MCCORD - STATION NO. 05JA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	2.78 B	0.020	0.002	0.001	0.001	0	0	0.001	0.001	---	1
2	---	0 B	2.48 B	0.016	0.002	0.001	0.001	0	0	0.001	0.001	---	2
3	---	0 B	2.30	0.042	0.002	0.001	0	0	0	0.001	0.001	---	3
4	---	0 B	1.72	0.170	0.002	0	0	0	0	0.001	---	---	4
5	---	0 B	1.10	0.118	0.915	0	0.001	0	0	0.001	---	---	5
6	---	0 B	0.681	0.081	0.042	0	0.001	0	0	0.001	---	---	6
7	---	0 B	0.364	0.058	0.038	0	0	0	0	0.001	---	---	7
8	---	0 B	0.314	0.042	0.029	0	0	0	0	0.002	---	---	8
9	---	0 B	0.348	0.033	0.194	0	0	0	0	0.001	---	---	9
10	---	0 B	0.524	0.023	0.339	0	0	0	0	0.001	---	---	10
11	---	0 B	0.472	0.020	0.595	0	0.002	0	0	0.001	---	---	11
12	---	0 B	0.423	0.014	0.533	0	0.001	0	0	0.001	---	---	12
13	---	0 B	0.327	0.023	0.370	0	0.001	0	0	0.001	---	---	13
14	---	0 B	0.255	0.021	0.237	0	0.001	0	0	0.001	---	---	14
15	---	0 B	0.203	0.030	0.159	0	0.001	0	0	0.001	---	---	15
16	---	0 B	0.253	0.018	0.116	0	B	0	0	0.001	---	---	16
17	---	0 B	0.255	0.018	0.106	0	0	0	0	0.001	---	---	17
18	---	0 B	0.228	0.015	0.087	0	0	0	0	0.001	---	---	18
19	---	0 B	0.207	0.013	0.078	0	0	0	0.001	0.001	---	---	19
20	---	0 B	0.183	0.010	0.084	0	0	0	0.001	0.001	---	---	20
21	---	0 B	0.184	0.009	0.047	0	0	0	0.002	0.001	---	---	21
22	---	0 B	0.136	0.007	0.053	0	0	0	0.001	0.001	---	---	22
23	---	0 B	0.087	0.006	0.053	0	0	0	0.001	0.001	---	---	23
24	---	0 B	0.075	0.005	0.050	0	0	0	0.001	0.001	---	---	24
25	---	0.2558	0.060	0.005	0.039	0	0	0	0.001	0.001	---	---	25
26	---	17.9 B	0.046	0.005	0.032	0	0	0	0.002	0.001	---	---	26
27	---	12.0 B	0.034	0.005	0.022	0	0	0	0.002	0.001	---	---	27
28	---	4.76 B	0.032	0.004	0.014	0	0	0	0.001	0.001	---	---	28
29	---		0.032	0.004	0.008	0	0	0	0.001	0.001	---	---	29
30	---		0.031	0.003	0.006	0.001	0	0	0.001	0.001	---	---	30
31	---		0.025		0.004		0	0		0.001		---	31
TOTAL	---	34.915	16.182	0.831	3.342	0.004	0.010	0	0.015	0.032	---	---	TOTAL
MEAN	---	1.25	0.521	0.028	0.108	0	0	0	0.001	0.001	---	---	MEAN
MAX	---	17.9	2.79	0.170	0.595	0.001	0.002	0	0.002	0.002	---	---	MAX
MIN	---	0	0.025	0.003	0.002	0	0	0	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.203
MAXIMUM DAILY, 17.9B ON FEB 26
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
21.9B AT 11:06 CST ON FEB 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 14 N
LONG 105 50 05 W
DRAINAGE AREA, 259 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0.86
FEB	3 020	AUG	0
MAR	1 400	SEP	1.30
APR	71.6	OCT	2.76
MAY	289	NOV	---
JUN	0.35	DEC	---

TOTAL DISCHARGE, 4 790 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

MCDONALD TRIBUTARY NEAR TOTNES - STATION NO. 05HF015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0.0028	0.0048	0	0	0	0	0	0	0	---	1
2	---	0B	0.0078	0.0038	0	0	0	0	0	0	0	---	2
3	---	0B	0.0048	0.0038	0	0	0	0	0	0	0	---	3
4	---	0B	0.0028	0.0028	0	0	0	0	0	0	0	---	4
5	---	0B	0 B	0.0048	0	0	0	0	0	0	0.001	---	5
6	---	0B	0 B	0.0048	0.001	0	0	0	0	0	0.001A	---	6
7	---	0B	0 B	0.0038	0.002	0	0	0	0	0	---	---	7
8	---	0B	0 B	0.0028	0.001	0	0	0	0	0	---	---	8
9	---	0B	0 B	0.0028	0.005	0	0	0	0	0	---	---	9
10	---	0B	0 B	0.0038	0.011	0	0	0	0	0	---	---	10
11	---	0B	0 B	0.0028	0.010	0	0	0	0	0	---	---	11
12	---	0B	0 B	0 B	0.010	0	0	0	0	0	---	---	12
13	---	0B	0.0038	0 B	0.005	0	0	0	0	0	---	---	13
14	---	0B	0.0058	0 B	0.003	0	0	0	0	0	---	---	14
15	---	0B	0.0048	0 B	0.003	0	0	0	0	0	---	---	15
16	---	0B	0.0028	0	0.003	0	0	0	0	0	---	---	16
17	---	0B	0.0038	0	0.003	0	0	0	0	0	---	---	17
18	---	0B	0.0038	0	0.003	0	0	0	0	0	---	---	18
19	---	0B	0.0038	0	0.002	0	0	0	0	0	---	---	19
20	---	0B	0.0038	0	0.002	0	0	0	0	0	---	---	20
21	---	0B	0.0158	0	0.023	0	0	0	0	0	---	---	21
22	---	0B	0.0138	0	0.131	0	0	0	0	0	---	---	22
23	---	0B	0.0088	0	0.080	0	0	0	0	0	---	---	23
24	---	0B	0.0048	0	0.027	0	0	0	0	0	---	---	24
25	---	0B	0.0018	0	0.012	0	0	0	0	0	---	---	25
26	---	0B	0.0028	0	0.005	0	0	0	0	0	---	---	26
27	---	0B	0.0128	0	0.003	0	0	0	0	0	---	---	27
28	---	0B	0.0148	0	0.002	0	0	0	0	0	---	---	28
29	---		0.0158	0		0	0	0	0	0	---	---	29
30	---		0.0108	0	0	0	0	0	0	0	---	---	30
31	---		0.0078		0		0	0		0		---	31
TOTAL	---	0	0.142	0.032	0.347	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.005	0.001	0.011	0	0	0	0	0	---	---	MEAN
MAX	---	0	0.015	0.004	0.131	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.131 ON MAY 22
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
0.268 AT 06:26 CST ON MAY 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 20 04 N
LONG 108 26 56 W
DRAINAGE AREA, 46.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	12.3	SEP	0
APR	2.76	OCT	0
MAY	30.0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 45.1 dam³

MCKINNON DITCH NEAR CONSUL - STATION NO. 11AB044

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.592	0	0	0	0	---	---	1
2	---	---	0	0	0	0.502	0	0	0	0	---	---	2
3	---	---	0	0	0	0.480	0	0	0	0	---	---	3
4	---	---	0	0	0	0.469	0	0	0	0	---	---	4
5	---	---	0	0	0	0.221	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0.690A	0	0	0	0A	0	---	---	20
21	---	---	0	0	1.27	0	0	0	0	0	---	---	21
22	---	---	0	0	1.24	0	0	0	0	0	---	---	22
23	---	---	0	0	1.20	0	0	0	0	0	---	---	23
24	---	---	0	0	1.23	0	0	0	0	0	---	---	24
25	---	---	0	0	1.27	0	0	0	0	0	---	---	25
26	---	---	0	0	1.30	0	0	0	0	0	---	---	26
27	---	0	0	0	1.30	0	0	0	0	0	---	---	27
28	---	0	0	0	1.31	0	0	0	0	0	---	---	28
29	---		0	0	1.26	0	0	0	0	0	---	---	29
30	---		0	0	0.850	0	0	0	0	0	---	---	30
31	---		0		0.692		0	0		0		---	31
TOTAL	---	---	0	0	13.712	2.284	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.442	0.076	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	1.31	0.592	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.065
MAXIMUM DAILY, 1.31 ON MAY 28
MINIMUM DAILY, 0 ON MAR 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 20 00 N
LONG 109 29 40 W

A - MANUAL GAUGE

REGULATED

REMARKS - DISCHARGES FOR MAY 28 TO 30 INCLUDE AN UPSTREAM PUMPING DIVERSION OF 0.200 m³/s

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	1 180	NOV	---
JUN	197	DEC	---

TOTAL DISCHARGE, 1 380 dam³

MEADOW RIVER BELOW MEADOW LAKE - STATION NO. 05AD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	08	08	0 B	0.5578	5.05	12.8	5.07	8.87	4.78A	1.71	0.747	0.8258	1
2	08	08	0 B	0.7358	6.12	11.6	5.20A	9.42	4.60E	1.67	0.758	0.8708	2
3	08	08	0 B	1.13 B	5.99	11.1	5.00E	10.0	4.40E	1.74	0.774	0.8568	3
4	08	08	0 B	1.81 B	6.03	11.1	4.85E	10.3	4.20E	1.53	0.513	0.8218	4
5	08	08	0 B	2.57 B	5.98	10.7	4.70E	10.6	4.10E	1.80	0.806	0.8138	5
6	08	08	0 B	3.33 B	6.01	9.89	4.60E	10.9	3.90E	1.42	0.774	0.8018	6
7	08	08	0 B	4.26 B	5.92	8.79	4.45E	11.1	3.80E	1.48	0.6728	0.8188	7
8	08	08	0 B	5.09 B	5.83	9.22	4.40E	11.0	3.60E	1.49	0.7598	0.8708	8
9	08	08	0 B	6.20	5.88	8.41	4.40E	11.3	3.50E	1.34	0.7798	0.8118	9
10	08	08	0 B	6.26	5.64	8.44	4.42E	11.4	3.35E	0.942	0.7708	0.8358	10
11	08	08	0 B	6.48	5.77	7.61	4.45E	11.2	3.20E	1.39	0.7898	0.8318	11
12	08	08	0 B	6.50	5.83	7.14	4.50E	10.7	3.10E	1.34	0.8048	0.8288	12
13	08	08	0 B	6.40	5.75	7.19	4.60E	10.3	2.95E	1.28	0.8268	0.8248	13
14	08	08	0 B	6.32	5.78	6.88	4.70E	9.80	2.85E	1.32	0.8328	0.8008	14
15	08	08	0 B	6.34	5.92	6.80	4.85E	8.77	2.75E	1.25	0.8278	0.7798	15
16	08	08	0 B	6.26	6.49	6.65	5.00A	8.78	2.63E	1.29	0.8208	0.7798	16
17	08	08	0 B	6.25	7.04	6.32	5.43	8.86	2.55E	1.27	0.7898	0.7728	17
18	08	08	0 B	6.33	7.21	6.42	5.15	8.62	2.41A	1.24	0.8028	0.7618	18
19	08	08	0 B	6.27	7.56	6.38	5.49	7.35	2.35	1.22	0.8188	0.7458	19
20	08	08	0 B	6.34	8.41	6.20	5.78	7.57	2.27	1.21	0.8028	0.7438	20
21	08	08	0 B	6.28	10.1	5.42	5.89	7.10	2.21	1.15	0.7798	0.7538	21
22	08	08	0 B	6.23	10.6	5.80	6.23	7.00	2.10	1.18	0.7578	0.7448	22
23	08	08	0 B	6.23	10.8	5.77	5.85	6.78	2.15	1.19	0.7698	0.7288	23
24	08	08	0 B	6.31	11.4	5.57	5.90	6.07	2.52	1.18	0.7768	0.7268	24
25	08	08	C 0018	6.26	12.2	5.53	5.87	6.06	2.07	1.10	0.7828	0.7108	25
26	08	08	0.0218	6.21	12.8	5.24	5.97	5.87	2.28	0.9928	0.8068	0.7108	26
27	08	08	0.1498	6.18	12.9	5.22	6.08	5.68	2.02	0.7418	0.8028	0.7058	27
28	08	08	0.2348	6.08	13.1	5.41	6.32	5.47	1.89	0.7848	0.8128	0.7008	28
29	08		0.2358	6.00	13.2	5.36	6.60	5.25	1.83	0.8248	0.8118	0.6828	29
30	08		0.3298	6.01	13.2	5.16	7.40	4.87	1.78	0.6978	0.7988	0.6868	30
31	08		0.4528		12.6		8.08	4.72		0.6058		0.6778	31
TOTAL	0	0	1.421	157.222	257.49	224.92	167.33	281.61	88.16	38.185	23.865	24.004	TOTAL
MEAN	0	0	0.046	5.24	8.31	7.50	5.40	8.44	2.94	1.23	0.789	0.774	MEAN
MAX	0	0	0.452	6.50	13.2	12.9	8.08	11.4	4.78	1.74	0.832	0.870	MAX
MIN	0	0	0	0.557	5.83	5.16	4.40	4.72	1.78	0.605	0.672	0.677	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.41
MAXIMUM DAILY, 13.2 ON MAY 29
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
15.1 AT 01:16 CST ON MAY 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 08 10 N
LONG 108 23 40 W
DRAINAGE AREA, 3 340 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	14 500
FEB	0	AUG	22 600
MAR	123	SEP	7 620
APR	13 500	OCT	3 300
MAY	22 200	NOV	2 040
JUN	19 400	DEC	2 070

TOTAL DISCHARGE, 107 000 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE WAS THE RESULT OF WIND EFFECT ON MEADOW LAKE

MIDDLE CREEK ABOVE LODGE CREEK - STATION NO. 11AB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 E	8.24	0.012	0.050	0.007	0.001	0	0	1.29	---	---	1
2	---	0 B	8.84	0.011	0.050	0.005	0	0	0	0.958	---	---	2
3	---	0 B	7.48	0.010	0.045	0.003	0	0	0	0.858	---	---	3
4	---	0 B	3.23	0.007	0.042	0.001	0	0	0	0.814	---	---	4
5	---	0 B	0.813	0.005	0.044	0	0	0	0	0.723	---	---	5
6	---	0 B	0.148	0.006	0.030	0	0	0	0	0.280	---	---	6
7	---	0 B	0.075	0.086	0.022	0	0	0	0	0.090	---	---	7
8	---	0 B	0.050	0.061	0.020	0	0	0	0	0.075	---	---	8
9	---	0 B	0.068	0.012	0.031	0.004	0	0	0	0.068	---	---	9
10	---	0 B	0.058	0.008	0.046	0.011	0	0	0	0.062	---	---	10
11	---	0 B	0.059	0.008	0.073	0.008	0	0	0	0.061	---	---	11
12	---	0 B	0.060	0.009	0.155	0.003	0	0	0	0.112	---	---	12
13	---	0 B	0.060	0.007	0.243	0.002	0	0	0	0.140	---	---	13
14	---	0 B	0.309	0.006	0.213	0	0	0	0	0.141	---	---	14
15	---	0 B	0.556	0.006	0.188	0	0	0	0	0.135	---	---	15
16	---	0 B	0.440	0.006	0.135	0	0	0	0	0.130	---	---	16
17	---	0 B	0.232	0.007	0.112	0	0.001	0	0	0.126	---	---	17
18	---	0 B	0.115	0.005	0.108	0	0	0	0	0.118	---	---	18
19	---	0 B	0.115	0.004	0.079	0.001	0	0	0.020	0.109	---	---	19
20	---	0 B	0.095	0.003	0.046	0	0	0	0.010	0.109	---	---	20
21	---	0 B	0.062	0.002	0.038	0	0	0	0.007	0.102	---	---	21
22	---	0 B	0.048	0.002	0.072	0	0	0	0.002	0.094	---	---	22
23	---	0 B	0.039	0.002	0.102	0	0	0	0	0.090	---	---	23
24	---	0 B	0.032	0.147	0.150	0	0.001	0	0.003	0.088	---	---	24
25	---	0 B	0.027	0.172	0.147	0	0	0	8.81	0.088	---	---	25
26	---	0.0438	0.012	0.088	0.140	0	0	0	18.5	0.083	---	---	26
27	---	0.517	0.015	0.083	0.082	0	0	0	12.8	0.083	---	---	27
28	---	3.19	0.027	0.080	0.032	0	0	0	6.89	0.078	---	---	28
29	---		0.015	0.085	0.022	0	0	0	3.67	0.073	---	---	29
30	---		0.015	0.052	0.017	0.001	0	0	1.86	0.075A	---	---	30
31	---		0.013		0.011		0	0		0.075E			31
TOTAL	---	3.750	27.346	0.902	2.548	0.046	0.003	0	53.772	7.367	---	---	TOTAL
MEAN	---	0.134	0.882	0.030	0.082	0.002	0	0	1.79	0.236	---	---	MEAN
MAX	---	3.19	7.48	0.172	0.243	0.011	0.001	0	18.5	1.29	---	---	MAX
MIN	---	0	0.012	0.002	0.011	0	0	0	0	0.060	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.350
MAXIMUM DAILY, 18.5 ON SEP 26
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
20.9 AT 12:40 CST ON SEP 26

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 01 N
LONG 109 49 02 W
DRAINAGE AREA, 717 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.26
FEB	324	AUG	0
MAR	2 360	SEP	4 650
APR	77.5	OCT	831
MAY	220	NOV	---
JUN	3.87	DEC	---

TOTAL DISCHARGE, 8 270 dam³

REMARKS - SOME RUNOFF OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

MIDDLE CREEK BELOW MIDDLE CREEK RESERVOIR - STATION NO. 11AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.706	0	0.318	0	0	0	0	0	---	---	1
2	---	0 B	0.418	0	0.301	0	0	0	0	0	---	---	2
3	---	0 B	0.734	0	0.113	0	0	0	0	0	---	---	3
4	---	0 B	0.170	0	0	0	0	0	0	0	---	---	4
5	---	0 B	0.135	0	0	0	0	0.010	0	0	---	---	5
6	---	0 B	0.048	0	0.888	0	0	0.189	0	0	---	---	6
7	---	0 B	0.021	0	0.778	0	0	0.248	0	0	---	---	7
8	---	0 B	0.003	0	0.036	0	0	0.205	0	0	---	---	8
9	---	0 B	0.026	0	0.002	0	0	0.257	0	0	---	---	9
10	---	0 B	0.025	0	0	0	0	0.126	0	0	---	---	10
11	---	0 B	0.006	0	0	0	0	0.109	0	0	---	---	11
12	---	0 B	0.001	0	0	0	0	0.080	0	0	---	---	12
13	---	0 B	0	0	0	0	0	0.032	0	0	---	---	13
14	---	0 B	0	0	0	0	0	0.008	0	0	---	---	14
15	---	0 B	0	0	0	0	0	0.002	0	0	---	---	15
16	---	0 B	0	0	0	0	0	0	0	0	---	---	16
17	---	0 B	0	0	0	0	0	0	0	0	---	---	17
18	---	0 B	0	0	0	0	0	0	0	0	---	---	18
19	---	0 B	0	0	0	0	0	0	0	0	---	---	19
20	---	0 B	0	0	0	0	0	0	0	0	---	---	20
21	---	0 B	0	0	0	0	0	0	0	0	---	---	21
22	---	0 B	0	0	0	0	0	0	0	0	---	---	22
23	---	0 B	0	0	0	0	0	0	0	0	---	---	23
24	---	0 B	0	0	0	0	0	0	0	0	---	---	24
25	---	0 B	0	0	0	0	0	0	1.01	0	---	---	25
26	---	0.3958	0	0	0	0	0	0	1.39	0	---	---	26
27	---	0.702	0	0	0	0	0	0	0.874	0	---	---	27
28	---	0.628	0	0.219	0	0	0	0	0.040	0	---	---	28
29	---		0	0.239	0	0	0	0	0.003	0	---	---	29
30	---		0	0.271	0	0	0	0	0.001	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	1.723	1.793	0.729	2.433	0	0	1.286	3.118	0	---	---	TOTAL
MEAN	---	0.062	0.058	0.024	0.078	0	0	0.041	0.104	0	---	---	MEAN
MAX	---	0.702	0.706	0.271	0.888	0	0	0.257	1.39	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.041
MAXIMUM DAILY, 1.39 ON SEP 26
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
1.998 AT 19 33 CST ON FEB 26

SUMMARY FOR THE MONTHS FEB TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 44 N
LONG 109 55 08 W
DRAINAGE AREA, 385 km²

B - ICE CONDITIONS

REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	149	AUG	109
MAR	155	SEP	269
APR	63.0	OCT	0
MAY	210	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 955 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE OCCURRED ON FEB 26, OUTSIDE THE STANDARD PERIOD

MIDDLE CREEK NEAR GOVENLOCK - STATION NO. 11AB108

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0028	4.00 B	0.074	0.028	0.007	0.002	0	0	0.499	---	---	1
2	---	0.0028	6.00 B	0.074	0.028	0.004	0.001	0	0	0.397	---	---	2
3	---	0.0028	2.40 B	0.088	0.067	0.004	0	0	0	0.322	---	---	3
4	---	0.0028	1.20 B	0.112	0.153	0.002	0	0	0	0.259	---	---	4
5	---	0.0028	0.5808	0.080	0.181	0.001	0.001	0	0	0.204	---	---	5
6	---	0.0028	0.2608	0.067	0.145	0.002	0	0	0	0.171	---	---	6
7	---	0.0028	0.145	0.057	0.082	0.002	0	0	0	0.140	---	---	7
8	---	0.0018	0.188	0.052	0.282	0.011	0	0	0	0.115	---	---	8
9	---	0.0018	0.387	0.050	0.551	0.010	0	0	0	0.101	---	---	9
10	---	0.0018	0.485	0.051	0.197	0.008	0	0	0	0.087	---	---	10
11	---	0.0018	0.537	0.049	0.153	0.005	0	0	0	0.078	---	---	11
12	---	0.0018	0.346	0.048	0.215	0.005	0	0	0	0.072	---	---	12
13	---	0.0018	0.585	0.045	0.262	0.007	0	0	0	0.072	---	---	13
14	---	0.0018	0.178	0.048	0.101	0.005	0	0	0	0.068	---	---	14
15	---	0.0018	0.215	0.049	0.084	0.008	0	0	0	0.064	---	---	15
16	---	0.0018	0.178	0.053	0.075	0.003	0	0	0	0.061	---	---	16
17	---	0.0018	0.176	0.052	0.065	0.002	0	0	0	0.059	---	---	17
18	---	0.0018	0.109	0.050	0.058	0.003	0	0	0	0.058	---	---	18
19	---	0 B	0.149	0.048	0.054	0.006	0	0	0	0.056	---	---	19
20	---	0 B	0.141	0.048	0.051	0.009	0	0	0	0.055	---	---	20
21	---	0 B	0.135	0.045	0.048	0.008	0	0	0	0.059	---	---	21
22	---	0 B	0.147	0.040	0.084	0.008	0	0	0	0.058	---	---	22
23	---	0 B	0.128	0.038	0.080	0.005	0	0	0	0.056	---	---	23
24	---	0 B	0.166	0.035	0.065	0.004	0	0	0	0.058	---	---	24
25	---	0.3608	0.110	0.040	0.068	0.003	0	0	19.0	0.055	---	---	25
26	---	3.50 B	0.118	0.041	0.043	0.002	0	0	20.5	0.055	---	---	26
27	---	4.25 B	0.131	0.041	0.026	0.003	0	0	4.88	0.057	---	---	27
28	---	4.15 B	0.105	0.038	0.020	0.003	0	0	2.04	0.058	---	---	28
29	---		0.089	0.032	0.017	0.004	0	0	1.11	0.054	---	---	29
30	---		0.079	0.029	0.014	0.003	0	0	0.715	0.0558A	---	---	30
31	---		0.075		0.010		0	0		0.0558E		---	31
TOTAL	---	12.275	15.545	1.582	3.306	0.141	0.004	0	48.345	3.548	---	---	TOTAL
MEAN	---	0.438	0.630	0.053	0.107	0.005	0	0	1.61	0.114	---	---	MEAN
MAX	---	4.25	6.00	0.112	0.551	0.011	0.002	0	20.5	0.499	---	---	MAX
MIN	---	0	0.075	0.029	0.010	0.031	0	0	0	0.054	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.325
MAXIMUM DAILY, 20.5 ON SEP 26
MINIMUM DAILY, 0B ON FEB 18
MAXIMUM INSTANTANEOUS,
33.8 AT 18:31 CST ON SEP 25

SUMMARY FOR THE MONTHS FEB TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 42 N
LONG 109 48 57 W
DRAINAGE AREA, 855 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.35
FEB	1 060	AUG	0
MAR	1 590	SEP	4 180
APR	137	OCT	307
MAY	288	NOV	---
JUN	12.2	DEC	---

TOTAL DISCHARGE, 7 670 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

MIDDLE CREEK RESERVOIR - STATION NO. 11AB080

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	DRY	1027.784	1028.851	1028.550	1028.587	1028.581	1028.419	1028.215	1028.828	---	---	1
2	---	DRY	1028.097	1028.833	1028.532	1028.599	1028.577	1028.412	1028.211	1028.827	---	---	2
3	---	DRY	1028.380	1028.848	1028.531	1028.641	1028.581	1028.407	1028.208	1028.833	---	---	3
4	---	DRY	1028.504	1028.844	1028.511	1028.641	1028.597	1028.394	1028.195	1028.831	---	---	4
5	---	DRY	1028.623	1028.846	1028.531	1028.637	1028.568	1028.373	1028.201	1028.830	---	---	5
6	---	DRY	1028.705	1028.842	1028.532	1028.639	1028.558	1028.356	1028.203	1028.834	---	---	6
7	---	DRY	1028.758	1028.834	1028.531	1028.657	1028.553	1028.347	1028.200	1028.828	---	---	7
8	---	DRY	1028.787	1028.832	1028.528	1028.660	1028.548	1028.323	1028.193	1028.827	---	---	8
9	---	DRY	1028.816	1028.830	1028.535	1028.666	1028.546	1028.317	1028.197	1028.823	---	---	9
10	---	DRY	1028.836	1028.829	1028.540	1028.665	1028.546	1028.311	1028.204	1028.822	---	---	10
11	---	DRY	1028.856	1028.818	1028.542	1028.654	1028.542	1028.306	1028.207	1028.821	---	---	11
12	---	DRY	1028.867	1028.808	1028.552	1028.644	1028.534	1028.304	1028.193	1028.821	---	---	12
13	---	DRY	1028.872	1028.908	1028.560	1028.637	1028.530	1028.295	1028.187	1028.820	---	---	13
14	---	DRY	1028.875	1028.909	1028.573	1028.634	1028.526	1028.294	1028.190	1028.820	---	---	14
15	---	DRY	1028.879	1028.901	1028.547	1028.648	1028.522	1028.280	1028.195	1028.820	---	---	15
16	---	DRY	1028.877	1028.903	1028.547	1028.634	1028.518	1028.266	1028.197	1028.819	---	---	16
17	---	DRY	1028.883	1028.908	1028.546	1028.630	1028.553	1028.269	1028.204	1028.819	---	---	17
18	---	DRY	1028.887	1028.899	1028.548	1028.628	1028.521	1028.269	1028.209	1028.818	---	---	18
19	---	DRY	1028.887	1028.897	1028.554	1028.635	1028.511	1028.251	1028.219	1028.817	---	---	19
20	---	DRY	1028.885	1028.890	1028.569	1028.617	1028.508	1028.250	1028.228	1028.818	---	---	20
21	---	DRY	1028.903	1028.887	1028.585	1028.614	1028.503	1028.241	1028.231	1028.816	---	---	21
22	---	DRY	1028.905	1028.861	1028.609	1028.606	1028.497	1028.243	1028.233	1028.815	---	---	22
23	---	DRY	1028.910	1028.822	1028.616	1028.600	1028.493	1028.243	1028.232	1028.812	---	---	23
24	---	DRY	1028.926	1028.777	1028.635	1028.595	1028.488	1028.240	1028.229	1028.813	---	---	24
25	---	DRY	1028.928	1028.737	1028.640	1028.589	1028.483	1028.233	1028.354	1028.815	---	---	25
26	---	DRY	1028.935	1028.705	1028.637	1028.580	1028.477	1028.231	1028.603	1028.813	---	---	26
27	---	DRY	1028.946	1028.675	1028.633	1028.570	1028.475	1028.228	1028.781	1028.810A	---	---	27
28	---	1027.026	1028.945	1028.651	1028.629	1028.546	1028.470	1028.228	1028.809	1028.808E	---	---	28
29	---		1028.937	1028.617	1028.623	1028.577	1028.462	1028.228	1028.822	1028.806E	---	---	29
30	---		1028.942	1028.577	1028.614	1028.587	1028.456	1028.220	1028.826	1028.804E	---	---	30
31	---		1028.954		1028.592		1028.445	1028.210		1028.802E			31
MEAN	---	---	1028.783	1028.858	1028.570	1028.621	1028.521	1028.280	1028.305	1028.819	---	---	MEAN
MAX	---	1027.026	1028.954	1028.951	1028.640	1028.666	1028.581	1028.419	1028.826	1028.834	---	---	MAX
MIN	---	DRY	1027.784	1028.577	1028.511	1028.586	1028.445	1028.210	1028.187	1028.802	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 1028.954 ON MAR 31
MINIMUM DAILY, DRY ON FEB 19
MAXIMUM INSTANTANEOUS,
1029.056 AT 18:30 CST ON MAR 21

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 22 N
LONG 109 59 02 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

MIDDLE CREEK RESERVOIR BEDFORD OUTLET - STATION NO. 11AB114

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:01 CST ON MAR 1

TYPE OF GAUGE -
LOCATION - LAT 49 23 04 N
LONG 109 59 28 W

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam^3

MIDDLE CREEK RESERVOIR FLOOD SPILLWAY - STATION NO. 11AB115

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00 01 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE -
LOCATION - LAT 49 23 02 N
LONG 105 59 55 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

MILLIGAN CREEK NEAR WADENA - STATION NO. 05MA023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	3.858	1.98	0.017	0	0	0	0	---	---	1
2	---	---	0 B	3.718	1.92	0.008	0	0	0	0	---	---	2
3	---	---	0 B	3.868	1.83	0.003	0	0	0	0	---	---	3
4	---	---	0 B	4.268	1.75	0	0	0	0	0	---	---	4
5	---	---	0 B	4.13	1.88	0.005	0	0	0	0	---	---	5
6	---	---	0 B	4.03	1.57	0.005	0	0	0	0	---	---	6
7	---	---	0 B	3.82	1.50	0.001	0	0	0	0	---	---	7
8	---	---	0 B	3.58	1.48	0	0	0	0	0	---	---	8
9	---	---	0 B	3.96	1.49	0.001	0	0	0	0	---	---	9
10	---	---	0 B	3.778	1.51	0	0	0	0	0	---	---	10
11	---	---	0 B	3.718	1.51	0	0	0	0	0	---	---	11
12	---	---	0 B	2.448	1.42	0	0	0	0	0	---	---	12
13	---	---	0 B	3.518	1.37	0	0	0	0	0	---	---	13
14	---	---	0 B	3.558	1.34	0	0	0	0	0	---	---	14
15	---	---	0 B	3.738	1.28	0	0	0	0	0	---	---	15
16	---	---	0 B	4.058	1.22	0	0	0	0	0	---	---	16
17	---	---	0.043B	3.82A	1.17	0	0	0	0	0	---	---	17
18	---	---	0.136B	3.52	1.05	0	0	0	0	0	---	---	18
19	---	---	0.122B	3.41	0.963	0	0	0	0	0	---	---	19
20	---	---	0.112B	3.26	0.918	0	0	0	0	0	---	---	20
21	---	---	0.129B	3.06	0.842	0	0	0	0	0	---	---	21
22	---	---	0.249B	2.97	0.775	0	0	0	0	0	---	---	22
23	---	---	0.546B	2.84	0.380	0	0	0	0	0	---	---	23
24	---	---	0.895B	2.70	0.190	0	0	0	0	0	---	---	24
25	---	---	0.315B	2.82	0.095	0	0	0	0	0	---	---	25
26	---	---	0.472B	2.47	0.035	0	0	0	0	0	---	---	26
27	---	---	0.442B	2.29	0.025	0	0	0	0	0	---	---	27
28	---	---	2.11 B	2.19	0.012	0	0	0	0	0	---	---	28
29	---		2.53 B	2.12	0.007	0	0	0	0	0	---	---	29
30	---		2.48 B	2.08	0.010	0	0	0	0	0	---	---	30
31	---		3.27 B		0.034		0	0		0		---	31
TOTAL	---	---	13.850	99.23	31.341	0.040	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.447	3.31	1.01	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	3.27	4.28	1.98	0.017	0	0	0	0	---	---	MAX
MIN	---	---	0	2.08	0.007	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.580
MAXIMUM DAILY, 4.268 ON APR 4
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
5.338 AT 16:13 CST ON APR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 51 10 N
LONG 103 48 07 W
DRAINAGE AREA, 1 430 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1 200	SEP	0
APR	8 570	OCT	0
MAY	2 710	NOV	---
JUN	3.48	DEC	---

TOTAL DISCHARGE, 12 800 dam³

MONNERY RIVER NEAR PARADISE MILL - STATION NO. OSEF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.305B	3.03 B	0.663	0.545	0.823	5.98	1.20	0.340	0.318	---	1
2	---	---	0.305B	2.88 B	0.572	0.486	0.761	5.12	1.20	0.368	0.330	---	2
3	---	---	0.305B	1.69 B	0.433	0.385	0.721	5.10	1.11	0.381	0.339A	---	3
4	---	---	0.305B	1.58 B	0.481	0.426	0.715	5.12	1.07	0.398	---	---	4
5	---	---	0.305B	2.22 B	0.411	0.431	0.895	5.81	1.12	0.417	---	---	5
6	---	---	0.305B	2.22 B	0.327	0.301	0.883	5.85	1.01	0.378	---	---	6
7	---	---	0.305B	2.06 B	0.281	0.177	0.784	7.32	0.947	0.403	---	---	7
8	---	---	0.305B	1.79 B	0.282	0.127	0.745	7.44	0.843	0.427	---	---	8
9	---	---	0.305B	1.52 B	0.396	0.198	0.760	7.25	0.754	0.517	---	---	9
10	---	---	0.305B	1.13	0.378	0.160	0.737	6.94	0.725	0.492	---	---	10
11	---	---	0.305B	1.07	0.493	0.162	0.824	6.69	0.682	0.456	---	---	11
12	---	---	0.305B	1.16	0.371	0.154	0.935	6.27	0.609	0.441	---	---	12
13	---	---	0.305B	0.985	0.347	0.111	1.54	5.89	0.651	0.448	---	---	13
14	---	---	0.305B	0.978	0.409	0.085	1.44	5.52	0.572	0.488	---	---	14
15	---	---	0.305B	0.884	0.509	0.067	1.57	5.09	0.511	0.440	---	---	15
16	---	---	0.305B	0.767	0.607	0.068	1.36	4.74	0.515	0.418	---	---	16
17	---	---	0.305B	0.824	0.618	0.057	1.44	4.33	0.559	0.403	---	---	17
18	---	---	0.305B	0.741	0.759	0.186	1.61	3.96	0.488	0.403	---	---	18
19	---	---	0.305B	0.722	0.809	1.46	1.66	3.57	0.469	0.378	---	---	19
20	---	---	0.305B	0.719	0.804	1.87	1.72	3.19	0.461	0.375	---	---	20
21	---	---	0.309B	0.687	0.420	1.58	2.36	2.97	0.473	0.357	---	---	21
22	---	---	0.312B	0.719	0.545	1.35	2.71	2.73	0.434	0.359	---	---	22
23	---	---	0.320B	0.727	0.768	1.11	2.52	2.42	0.441	0.351	---	---	23
24	---	---	0.335B	0.700	0.715	1.02	2.61	2.17	0.412	0.336	---	---	24
25	---	---	0.360B	0.608	0.788	1.13	5.25	2.24	0.345	0.332	---	---	25
26	---	---	0.385B	0.530	0.687	1.07	4.54	1.84	0.342	0.357	---	---	26
27	---	---	0.375B	0.660	0.614	0.947	3.74	1.55	0.371	0.384	---	---	27
28	---	---	0.551B	0.670	0.586	1.02	3.23	1.51	0.341	0.655	---	---	28
29	---		1.03 B	0.363	0.634	0.938	3.66	1.41	0.358	0.452	---	---	29
30	---		1.71 B	0.348	0.480	0.867	5.98	1.31	0.331	0.359	---	---	30
31	---		2.12 B		0.545		6.35	1.29		0.325		---	31
TOTAL	---	---	13.907	34.782	16.204	18.468	65.074	133.79	19.345	12.626	---	---	TOTAL
MEAN	---	---	0.449	1.16	0.523	0.616	2.10	4.31	0.645	0.407	---	---	MEAN
MAX	---	---	2.12	3.03	0.788	1.87	6.35	7.44	1.20	0.655	---	---	MAX
MIN	---	---	0.305	0.348	0.281	0.057	0.715	1.29	0.331	0.325	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.28
MAXIMUM DAILY, 7.44 ON AUG 8
MINIMUM DAILY, 0.057 ON JUN 17
MAXIMUM INSTANTANEOUS,
7.55 AT 16:40 CST ON AUG 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 32 28 N
LONG 109 31 38 W
DRAINAGE AREA, 875 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 620
FEB	---	AUG	11 600
MAR	1 200	SEP	1 670
APR	3 010	OCT	1 090
MAY	1 400	NOV	---
JUN	1 800	DEC	---

TOTAL DISCHARGE, 27 200 dam³

MONTREAL LAKE NEAR WEYAKWIN - STATION NO. 05CA005

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	490.584	490.557	490.538	490.526	490.547	490.697A	490.597	490.594	490.516	490.424	490.379	490.390	1
2	490.584	490.556	490.534	490.522	490.552	490.699A	490.602	490.594	490.502	490.423	490.380	490.393	2
3	490.588	490.556	490.533	490.526	490.552	490.657A	490.576	490.594	490.455	490.457	490.388	490.392	3
4	490.586	490.554	490.534	490.521	490.554	490.671A	490.589	490.598	490.422	490.408	490.393	490.393	4
5	490.582	490.552	490.537	490.522	490.552	490.657A	490.583	490.598	490.456	490.446	490.391	490.394	5
6	490.582	490.552	490.536	490.522	490.556	490.651A	490.550	490.592	490.466	490.414	490.387	490.383	6
7	490.584	490.552	490.537	490.518	490.557	490.657A	490.567	490.591	490.464	490.406	490.391	490.389	7
8	490.583	490.548	490.541	490.520	490.559	490.687A	490.566	490.584	490.468	490.427	490.395	490.400	8
9	490.577	490.547	490.546	490.518	490.556	490.637A	490.568	490.571	490.468	490.443	490.397	490.398	9
10	490.565	490.546	490.544	490.517	490.571	490.686A	490.574	490.591	490.463	490.360	490.400	490.398	10
11	490.563	490.546	490.545	490.518	490.574	490.626A	490.564	490.595	490.442	490.431	490.400	490.401	11
12	490.548	490.549	490.543	490.517	490.585	490.647	490.559	490.589	490.440	490.431	490.399	490.401	12
13	490.553	490.548	490.543	490.518	490.582	490.647	490.559	490.573	490.451	490.411	490.407	490.400	13
14	490.557	490.548	490.540	490.518	490.604	490.655	490.563	490.588	490.450	490.430	490.420	490.400	14
15	490.555	490.548	490.540	490.518	490.620	490.632	490.547	490.579	490.459	490.416	490.421	490.405	15
16	490.556	490.542	490.539	490.517	490.628	490.635	490.554	490.539	490.459	490.416	490.426	490.406	16
17	490.555	490.545	490.539	490.520	490.638	490.638	490.562	490.574	490.442	490.418	490.427	490.407	17
18	490.555	490.544	490.536	490.526	490.645	490.638	490.547	490.560	490.448	490.419	490.426	490.410	18
19	490.552	490.543	490.535	490.525	490.641	490.664	490.537	490.533	490.463	490.420	490.409	490.407	19
20	490.554	490.544	490.538	490.528	490.653	490.653	490.567	490.539	490.450	490.422	490.368	490.405	20
21	490.553	490.545	490.539	490.527	490.681A	490.634	490.547	490.547	490.443	490.417	490.388	490.405	21
22	490.553	490.545	490.537	490.527	490.680A	490.606	490.577	490.537	490.451	490.418	490.385	490.392	22
23	490.551	490.544	490.531	490.521	490.673A	490.626	490.552	490.555	490.445	490.418	490.378	490.390	23
24	490.561	490.545	490.530	490.536	490.655A	490.619	490.552	490.508	490.455	490.419	490.388	490.382	24
25	490.561	490.549	490.534	490.541	490.670A	490.609	490.565	490.498	490.404	490.411	490.381	490.390	25
26	490.560	490.542	490.536	490.545	490.689E	490.607	490.552	490.513	490.452	490.411	490.382	490.388	26
27	490.559	490.537	490.534	490.543	490.689E	490.591	490.556	490.517	490.443	490.398	490.381	490.390	27
28	490.559	490.537	490.533	490.543	490.657E	490.597	490.567	490.522	490.441	490.384	490.380	490.387	28
29	490.560		490.529	490.545	490.663E	490.606	490.582	490.515	490.438	490.401	490.389	490.388	29
30	490.557		490.527	490.544	490.666E	490.607	490.560	490.498	490.436	490.373	490.390	490.380	30
31	490.558		490.527		490.658A		490.576	490.487		490.377		490.377	31
MEAN	490.584	490.547	490.537	490.526	490.618	490.641	490.584	490.557	490.453	490.416	490.385	490.395	MEAN
MAX	490.588	490.557	490.546	490.545	490.689	490.699	490.602	490.598	490.516	490.457	490.427	490.410	MAX
MIN	490.548	490.537	490.527	490.516	490.547	490.591	490.537	490.487	490.404	490.360	490.355	490.377	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 490.517
MAXIMUM DAILY, 490.699A ON JUN 2
MINIMUM DAILY, 490.355 ON NOV 22
MAXIMUM INSTANTANEOUS,
490.738 AT 04:51 CST ON JUN 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 24 35 N
LONG 105 43 25 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

MONTREAL RIVER AT HIGHWAY NO. 2 - STATION NO 05CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.858	6.588	8.308	7.778	10.2	19.3	13.8	10.9	8.72	3.08	1.818	3.678	1
2	5.108	7.788	8.558	8.888	11.2	18.6	15.4	12.2	10.0	2.62	1.388	3.548	2
3	5.788	8.858	8.328	10.4 B	11.4	13.1	12.8	12.0	9.22	9.30	1.788	3.318	3
4	6.548	9.258	7.888	10.1 B	8.25	16.8	15.7	12.0	1.58	3.42	2.268	3.118	4
5	6.948	8.618	8.208	9.238	9.36	17.4	13.1	12.2	4.01	6.21	3.798	3.258	5
6	8.238	8.468	8.368	9.588	9.51	16.3	9.39	10.8	5.85	5.54	3.878	4.198	6
7	8.148	7.918	5.328	8.408	11.8	11.7	12.7	10.4	5.81	2.03	3.638	4.128	7
8	8.048	7.578	4.798	11.1 B	12.3	18.6	12.6	10.1	6.07	3.11	3.638	4.608	8
9	8.838	8.248	7.258	8.41A	11.0	15.1	12.9	7.82	7.03	10.1	3.638	3.378	9
10	9.858	4.798	7.718	8.38	12.0	14.8	14.1	11.8	6.77	1.26	3.638	3.928	10
11	9.938	4.928	8.368	8.10	12.5	14.2	14.2	13.7	4.06	3.26	3.638	3.848	11
12	9.168	4.198	9.338	9.27	9.62	12.8	13.1	12.9	3.05	7.88	3.638	3.848	12
13	9.788	4.768	9.738	9.17	13.3	12.7	13.8	9.37	5.29	3.64	3.638	3.828	13
14	9.508	5.528	9.728	9.27	12.4	17.0	13.5	11.8	5.58	5.03	4.638	3.688	14
15	9.488	4.098	9.588	9.86	12.5	15.4	14.5	11.4	6.43	5.22	4.219	3.958	15
16	9.268	3.668	9.378	10.3	12.1	18.0	14.3 E	6.83	6.30	4.21	3.708	3.818	16
17	8.708	5.088	9.698	9.57	16.8	18.7	14.1 E	12.0	4.40	4.16	3.558	3.718	17
18	9.278	5.518	8.958	9.51	20.9	16.7	14.0 E	11.0	4.54	3.50	3.458	3.718	18
19	8.588	5.758	9.238	7.41	20.2	20.6	13.8 E	6.94	6.01	3.80	2.928	3.608	19
20	9.808	6.568	8.838	9.65	20.9	22.7	13.6 E	7.16	5.89	4.80	3.778	3.538	20
21	9.128	4.848	9.928	10.3	25.8	18.0	13.5 E	10.4	4.73	3.81	3.648	3.658	21
22	7.648	5.758	9.628	8.99	24.1	12.6	13.3 E	8.19	5.86	3.99	3.758	3.488	22
23	7.078	4.768	8.238	8.77	20.2	15.3	13.1 E	11.9	4.56	4.63	4.018	3.208	23
24	9.298	4.278	7.438	10.6	19.3	14.7	12.9 E	8.29	5.55	5.62	4.208	3.548	24
25	9.088	6.478	6.858	10.4	21.6	14.5	12.7 E	5.16	3.16	3.58	3.978	3.658	25
26	8.428	7.528	8.278	10.8	23.5	18.3	12.5 E	8.17	2.53A	3.64	4.018	4.068	26
27	8.298	8.028	9.408	11.1	23.3	15.1	12.4 E	9.01	5.36	3.95	3.928	3.978	27
28	8.978	8.208	8.578	10.3	18.0	12.6	12.2 E	9.01	5.30	0.753	3.688	3.768	28
29	8.938		8.158	10.4	18.0	14.9	12.0 A	8.44	4.39	2.37	4.078	3.938	29
30	7.528		7.958	10.6	15.3	16.4	7.67	6.17	4.41	5.46	4.418	3.308	30
31	7.258		6.698		15.5		8.87	4.26		1.35 B		3.798	31
TOTAL	251.34	177.90	250.77	284.80	484.54	478.9	402.83	301.92	156.15	131.163	106.19	115.08	TOTAL
MEAN	8.11	6.35	8.09	9.49	15.6	16.0	13.0	9.74	5.27	4.23	3.54	3.71	MEAN
MAX	9.93	8.28	9.92	11.1	25.8	22.7	15.7	13.7	10.0	10.1	4.63	4.60	MAX
MIN	5.10	3.66	4.79	6.38	8.25	11.7	7.67	4.26	1.58	0.753	1.38	3.11	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.61
MAXIMUM DAILY, 25.8 ON MAY 21
MINIMUM DAILY, 0.753 ON OCT 28
MAXIMUM INSTANTANEOUS,
32.4 AT 18:47 CST ON MAY 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 42 50 N
LONG 105 41 48 W
DRAINAGE AREA, 5 450 km²
A - MANUAL GAUGE
E - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21 700	JUL	34 800
FEB	15 400	AUG	26 100
MAR	21 700	SEP	13 700
APR	24 600	OCT	11 300
MAY	41 900	NOV	9 170
JUN	41 500	DEC	9 940

TOTAL DISCHARGE, 272 000 dam³

MONTREAL RIVER AT OUTLET OF BIGSTONE LAKE - STATION NO 05CA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.9	9.85	7.57	7.47	11.2E	22.4	20.2	22.4	17.9	13.4	11.8	9.51	1
2	11.7	9.82	7.54	7.49	11.5E	22.9	19.7	22.8	17.6	13.2	11.3	9.75	2
3	11.6	9.80	7.55	7.50	11.8E	23.2	20.2	22.9	18.4	13.1	11.0	9.58	3
4	11.6	9.73	7.45	7.53	12.0E	22.7	20.8	23.1	17.8	13.4	10.9	9.44	4
5	11.5	9.67	7.39	7.69	12.3E	22.2	19.5	23.4	17.4	13.4	10.9	9.32	5
6	11.2	9.65	7.44	7.84	12.6E	22.4	20.4	24.0	17.4	13.1	10.9	9.25	6
7	11.1	9.48	7.41	7.89	13.2E	22.6	20.2	24.3	16.9	13.7	11.0	9.33	7
8	11.1	9.28	7.35	8.05	13.4E	22.1	19.6	24.3	16.0	13.7	11.1	9.72	8
9	11.1	9.05	7.31	8.14	13.7E	22.1	19.1	24.4	16.0	13.4	11.1	9.58	9
10	11.1	8.82	7.29	8.08	14.0E	22.0	18.3	24.5	15.2	13.9	10.9	9.54	10
11	11.3	8.90	7.25	8.05	14.4E	22.1	17.6	24.4	14.8	13.5	10.7	9.45	11
12	11.2	8.87	7.23	8.34	14.8E	24.4	17.4	24.3	15.0	13.2	10.5	9.22	12
13	11.1	8.86	7.18	8.50	15.2E	23.8	17.3	24.3	15.3	12.7	10.5	9.18	13
14	11.0	8.86	7.13	8.48	15.6E	23.5	17.3	24.1	15.2	12.5	10.4	9.13	14
15	10.9	8.89	7.11	8.58	16.0E	22.3	18.2	24.1	15.0	12.5	10.4	9.09	15
16	10.8	8.82	7.04	8.69	16.4E	21.7	18.6	23.7	14.8	12.5	10.4	9.06	16
17	10.7	8.75	7.06	8.85	16.9E	21.5	17.9	23.1	14.6	12.4	10.2	9.07	17
18	10.8	8.81	6.82	9.36	17.4E	21.6	18.5	22.6	14.7	12.5	10.0	9.06	18
19	10.7	8.46	6.72	9.49	18.1E	22.4	19.0	22.7	14.5	12.5	10.0	8.97	19
20	10.6	8.30	6.72	9.60	18.8A	22.3	19.5	22.5	14.4	12.4	9.87	8.93	20
21	10.6	8.20	6.88	9.50	19.0	22.2	19.7	22.0	14.1	12.3	9.80	8.82	21
22	10.4	8.09	6.87	9.75	18.7	22.0	19.6	21.5	14.0	12.1	9.84	8.79	22
23	10.3	7.97	6.85	9.87	18.2	21.8	19.4	21.2	14.1	12.2	9.72	8.74	23
24	10.3	7.78	6.84	10.3	20.2	22.1	19.5	20.8	13.8	12.2	9.77	8.74	24
25	10.3	7.65	6.85	10.4	21.5	22.8	19.4	20.0	10.8	12.0	9.82	8.65	25
26	10.2	7.63	6.83	10.5	22.0	22.8	18.2	19.7	10.2	12.0	9.70	8.50	26
27	10.1	7.57	6.89	10.6	22.3	22.5	18.1	19.3	11.8	12.0	9.83	8.52	27
28	10.1	7.53	7.09	10.5	22.2	21.9	18.2	19.3	12.7	12.1	9.70	8.47	28
29	10.0		7.13	10.8 E	22.3	21.3	18.0	19.1	13.4	11.8	9.59	8.36	29
30	10.0		7.26	11.0 E	22.0	20.9	20.8	18.9	13.5	11.8	9.55	8.28	30
31	9.90		7.32		22.1		22.1	18.8		12.2		8.29	31
TOTAL	336.20	244.89	221.75	268.64	521.0	670.1	586.3	692.1	446.2	393.8	311.35	280.34	TOTAL
MEAN	10.8	8.75	7.15	8.95	16.8	22.3	19.2	22.3	14.9	12.7	10.4	9.04	MEAN
MAX	11.9	9.85	7.57	11.0	22.3	24.4	22.1	24.5	18.4	13.9	11.8	9.75	MAX
MIN	9.90	7.53	6.68	7.47	11.2	20.9	17.3	18.8	10.2	11.8	9.55	8.28	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.6
MAXIMUM DAILY, 24.5 ON AUG 10
MINIMUM DAILY, 6.68 ON MAR 21
MAXIMUM INSTANTANEOUS,
26.5 AT 13:55 CST ON AUG 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 05 40 N
LONG 105 21 48 W
DRAINAGE AREA, 7 280 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	29 000	JUL	51 500
FEB	21 200	AUG	59 800
MAR	19 200	SEP	36 600
APR	23 200	OCT	34 000
MAY	45 000	NOV	26 900
JUN	57 900	DEC	24 200

TOTAL DISCHARGE, 431 000 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE OCCURRED AS A RESULT OF WIND EFFECT

MOOSE JAW RIVER ABOVE THUNDER CREEK - STATION NO. 05JE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	2.36 B	1.73 B	0.175	0.929	0	0	0	0	---	---	1
2	---	0 B	3.21 B	2.06 B	0.181	0.686	0	0	0	0	---	---	2
3	---	0 B	2.87 B	2.06 B	0.161	0.621	0	0	0	0	---	---	3
4	---	0 B	2.03 B	1.98	0.133	0.602	0	0	0	0	---	---	4
5	---	0 B	1.40 B	2.15	0.192	0.457	0	0	0	0	---	---	5
6	---	0 B	0.9498	2.20	0.386	0.392	0	0	0	0	---	---	6
7	---	0 B	4.26 B	2.41	1.32	0.318	0	0	0	0	---	---	7
8	---	0 B	5.53 B	2.10	4.62	0.240	0	0	0	0	---	---	8
9	---	0 B	5.13 B	1.35	7.09	0.197	0	0	0	0	---	---	9
10	---	0 B	5.26 B	0.906	7.58	0.151	0	0	0	0	---	---	10
11	---	0 B	5.79 B	0.751	10.7	0.183	0	0	0	0	---	---	11
12	---	0 B	5.35 B	0.757	12.5	0.200	0	0	0	0	---	---	12
13	---	0 B	5.71 B	0.874	14.2	0.192	0	0	0	0	---	---	13
14	---	0 B	5.01 B	1.11	15.0	0.149	0	0	0	0	---	---	14
15	---	0 B	4.27 B	1.55	17.8	0.107	0	0	0	0	---	---	15
16	---	0 B	3.45 B	1.62	18.4	0.109	0	0	0	0	---	---	16
17	---	0 B	3.18 B	1.24	17.9	0.103	0	0	0	0	---	---	17
18	---	0 B	2.97 B	0.623	15.5	0.090	0	0	0	0	---	---	18
19	---	0 B	2.65 B	0.250	11.8	0.078	0	0	0	0	---	---	19
20	---	0 B	3.22 B	0.084	8.89	0.054	0	0	0	0	---	---	20
21	---	0 B	2.99 B	0.048	7.01	0.029	0	0	0	0	---	---	21
22	---	0 B	2.15 B	0.029	5.84	0.019	0	0	0	0	---	---	22
23	---	0 B	2.75 B	0.023	4.87	0.013	0	0	0	0	---	---	23
24	---	0 B	2.57 B	0.023	3.94	0.006	0	0	0	0	---	---	24
25	---	0.0058	3.23 B	0.019	3.22	0.001	0	0	0	0	---	---	25
26	---	0.0358	2.74 B	0.045	2.77	0.001	0	0	0	0	---	---	26
27	---	0.2498	2.88 B	0.101	2.37	0.001	0	0	0	0	---	---	27
28	---	1.18 B	2.09 B	0.132	1.95	0	0	0	0	0	---	---	28
29	---		2.22 B	0.147	1.88	0	0	0	0	0	---	---	29
30	---		1.95 B	0.168	1.33	0	0	0	0	0	---	---	30
31	---		1.86 B		1.17		0	0		0		---	31
TOTAL	---	1.469	106.029	28.540	201.788	5.929	0	0	0	0	---	---	TOTAL
MEAN	---	0.052	3.42	0.951	6.51	0.198	0	0	0	0	---	---	MEAN
MAX	---	1.18	5.79	2.41	18.4	0.929	0	0	0	0	---	---	MAX
MIN	---	0	0.949	0.019	0.133	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.25
MAXIMUM DAILY, 18.4 ON MAY 16
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
18.6 AT 14:44 CST ON MAY 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 20 45 N
LONG 105 31 49 W
DRAINAGE AREA, 5 250 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	127	AUG	0
MAR	3 160	SEP	0
APR	2 470	OCT	0
MAY	17 400	NOV	---
JUN	512	DEC	---

TOTAL DISCHARGE, 29 700 dam³

MOOSE JAW RIVER NEAR BURDICK - STATION NO. 05JE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0098	0.0178	5.968	1.87	0.222	0.303	0.144	0.019	0	0.010	0.033	0.0278	1
2	0.0098	0.0188	6.898	1.83	0.142	1.00	0.080	0.017	0	0.010	0.033	0.0258	2
3	0.0098	0.0208	6.098	1.91	0.135	1.09	0.025	0.015	0	0.010	0.032	0.0238	3
4	0.0098	0.0208	4.878	1.80	0.137	0.239	0.009	0.016	0	0.010	0.394	0.0228	4
5	0.0108	0.0188	1.118	1.84	0.908	0.272	0.026	0.019	0	0.010	0.374	0.0218	5
6	0.0108	0.0168	1.098	1.85	2.14	0.348	0.017	0.020	0	0.010	0.060	0.0208	6
7	0.0108	0.0148	1.428	2.10	1.23	0.406	0.033	0.019	0	0.010	0.0338	0.0198	7
8	0.0108	0.0128	3.588	2.41	2.31	0.371	0.042	0.017	0	0.010	0.0338	0.0188	8
9	0.0108	0.0108	5.588	2.01	5.02	0.375	0.019	0.016	0	0.010	0.0338	0.0158	9
10	0.0108	0.0088	6.558	1.48	7.15	0.314	0.037	0.015	0	0.010	0.0338	0.0158	10
11	0.0098	0.0068	8.768	1.13	8.89	0.242	0.023	0.013	0	0.007	0.0338	0.0168	11
12	0.0088	0.0048	8.738	0.486	11.8	0.194	0.034	0.011	0	0.009	0.0338	0.0168	12
13	0.0088	0.0028	8.558	0.592	13.6	0.184	0.058	0.011	0	0.010	0.0338	0.0168	13
14	0.0078	0 B	8.258	1.10	15.0	0.161	0.023	0.010	0.001	0.011	0.0338	0.0188	14
15	0.0068	0 B	6.858	1.40	16.7	0.184	0.027	0.008	0.005	0.014	0.0338	0.0188	15
16	0.0058	0 B	6.018	1.95	17.6	0.174	0.025	0.007	0.006	0.015	0.0338	0.0188	16
17	0.0058	0 B	3.638	2.06	17.3	0.141	0.024	0.005	0.006	0.016	0.0338	0.0168	17
18	0.0048	0 B	5.439	1.89	16.0	0.106	0.021	0.003	0.007	0.019	0.0338	0.0128	18
19	0.0048	0 B	3.158	1.14	13.2	0.086	0.018	0.002	0.007	0.021	0.0338	0.1608	19
20	0.0038	0 B	4.128	0.862	9.94	0.071	0.018	0.002	0.008	0.021	0.0338	0.2828	20
21	0.0028	0 B	3.328	0.685	7.49	0.057	0.018	0.002	0.009	0.023	0.0338	0.2638	21
22	0.0028	0 B	2.498	0.578	5.91	0.043	0.024	0.001	0.009	0.022	0.0338	0.2528	22
23	0.0038	0 B	3.718	0.606	5.15	0.044	0.025	0.001E	0.009	0.022	0.0338	0.2228	23
24	0.0058	0.0028	3.508	0.576	3.85	0.057	0.023	0.001E	0.009	0.022	0.0338	0.2158	24
25	0.0068	0.3008	3.808	0.563	3.07	0.028	0.021	0.001E	0.009	0.024	0.0338	0.1978	25
26	0.0088	1.25 B	3.488	0.529	2.15	0.047	0.018	0 E	0.010	0.024	0.0338	0.1888	26
27	0.0098	2.61 B	3.118	0.505	2.09	0.054	0.018	0 E	0.010	0.123	0.0338	0.1878	27
28	0.0108	4.14 B	2.768	0.489	2.03	0.049	0.021	0	0.010	0.605	0.0338	0.1858	28
29	0.0128		2.06	0.462	1.14	0.047	0.018	0	0.010	0.060	0.0318	0.1798	29
30	0.0148		2.16	0.407	0.213	0.105	0.023	0	0.010	0.033	0.0298	0.1878	30
31	0.0158		1.91		0.038		0.021	0		0.033		0.1888	31
TOTAL	0.241	8.467	138.90	36.812	183.855	5.804	0.938	0.251	0.135	1.235	1.713	3.036	TOTAL
MEAN	0.008	0.302	4.48	1.22	5.25	0.227	0.030	0.008	0.005	0.040	0.057	0.098	MEAN
MAX	0.015	4.14	8.76	2.41	17.6	1.09	0.144	0.020	0.010	0.605	0.394	0.282	MAX
MIN	0.002	0	1.09	0.407	0.038	0.028	0.009	0	0	0.007	0.029	0.012	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.07
MAXIMUM DAILY, 17.6 ON MAY 16
MINIMUM DAILY, 0B ON FEB 14
MAXIMUM INSTANTANEOUS,
20.5 AT 13:47 CST ON MAY 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 24 00 N
LONG 105 23 50 W
DRAINAGE AREA, 8 230 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20.8	JUL	81.0
FEB	732	AUG	31.7
MAR	12 000	SEP	11.7
APR	3 180	OCT	107
MAY	18 700	NOV	148
JUN	988	DEC	262

TOTAL DISCHARGE, 33 800 dam³

MOOSE JAW RIVER NEAR LANG - STATION NO. 05JE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0508	0.247	0.007	0.053	0	0	0	0	---	---	1
2	---	---	0.7618	0.272	0.008	0.035	0	0	0	0	---	---	2
3	---	---	1.03 B	0.290	0.005	0.022	0	0	0	0	---	---	3
4	---	---	1.39 B	0.271	0.004	0.010	0	0	0	0	---	---	4
5	---	---	1.49 B	0.252	0.033	0.004	0	0	0	0	---	---	5
6	---	---	1.23 B	0.239	0.138	0.002	0	0	0	0	---	---	6
7	---	---	0.9028	0.223	0.758	0	0	0	0	0	---	---	7
8	---	---	0.9888	0.180	1.52	0	0	0	0	0	---	---	8
9	---	---	1.11 B	0.143	1.30	0	0	0	0	0	---	---	9
10	---	---	1.21 B	0.106	2.27	0.001	0	0	0	0	---	---	10
11	---	---	1.23 B	0.071	3.22	0	0	0	0	0	---	---	11
12	---	---	1.16 B	0.048	2.77	0	0	0	0	0	---	---	12
13	---	---	1.17 B	0.0458	1.96	0	0	0	0	0	---	---	13
14	---	---	1.25 B	0.0448	1.45	0	0	0	0	0	---	---	14
15	---	---	1.19 B	0.0468	1.09	0.001	0	0	0	0	---	---	15
16	---	---	1.02 B	0.0478	0.948	0.001	0	0	0	0	---	---	16
17	---	---	0.8948	0.058	0.801	0.001	0	0	0	0	---	---	17
18	---	---	0.8518	0.062	0.716	0	0	0	0	0	---	---	18
19	---	---	0.7838	0.060	0.680	0.001	0	0	0	0	---	---	19
20	---	---	0.6448	0.054	0.615	0.003	0	0	0	0	---	---	20
21	---	---	0.5288	0.052	0.535	0	0	0	0	0	---	---	21
22	---	---	0.4058	0.046	0.516	0	0	0	0	0	---	---	22
23	---	---	0.2948	0.039	0.610	0	0	0	0	0	---	---	23
24	---	---	0.2298	0.033	0.603	0	0	0	0	0	---	---	24
25	---	---	0.1908	0.031	0.528	0	0	0	0	0	---	---	25
26	---	---	0.1638	0.028	0.439	0	0	0	0	0	---	---	26
27	---	---	0.1538	0.023	0.331	0	0	0	0	0	---	---	27
28	---	---	0.1678	0.019	0.251	0	0	0	0	0	---	---	28
29	---		0.1978	0.015	0.192	0	0	0	0	0	---	---	29
30	---		0.2178	0.011	0.145	0	0	0	0	0	---	---	30
31	---		0.2388		0.100		0	0		0		---	31
TOTAL	---	---	23.064	3.055	24.561	0.134	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.744	0.102	0.792	0.004	0	0	0	0	---	---	MEAN
MAX	---	---	1.49	0.290	3.22	0.053	0	0	0	0	---	---	MAX
MIN	---	---	0.050	0.011	0.004	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.207
MAXIMUM DAILY, 3.22 ON MAY 11
MINIMUM DAILY, 0 ON JUN 7
MAXIMUM INSTANTANEOUS,
3.42 AT 04:36 CST ON MAY 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 56 51 N
LONG 104 28 57 W
DRAINAGE AREA, 885 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1 990	SEP	0
APR	264	OCT	0
MAY	2 120	NOV	---
JUN	11.6	DEC	---

TOTAL DISCHARGE, 4 390 dam³

MOOSE JAW RIVER NEAR ROULEAU - STATION NO. 05JE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0138	2.12 B	0.021	0.418	0.021	0	0	0	---	---	1
2	---	---	0.8698	1.86 B	0.025	0.321	0.057	0	0	0	---	---	2
3	---	---	3.18 B	1.18 B	0.020	0.268	0.162	0.016	0	0	---	---	3
4	---	---	3.10 B	1.08 B	0.010	0.214	0.203	0.042	0	0	---	---	4
5	---	---	3.36 B	1.04	0.278	0.157	0.198	0.025	0	0	---	---	5
6	---	---	3.35 B	1.07	1.78	0.121	0.155	0.009	0	0	---	---	6
7	---	---	2.96 B	1.13	3.59	0.109	0.032	0	0	0	---	---	7
8	---	---	2.93 B	1.15	4.02	0.102	0.060	0	0	0	---	---	8
9	---	---	2.88 B	1.44	5.49	0.103	0.040	0	0	0	---	---	9
10	---	---	2.82 B	2.22	8.42	0.104	0.025	0	0	0	---	---	10
11	---	---	2.54 B	1.85 B	11.5	0.081	0.012	0	0	0	---	---	11
12	---	---	2.29 B	1.07 B	14.3	0.027	0.032	0	0	0	---	---	12
13	---	---	2.05 B	0.8278	15.8	0.018	0.089	0	0	0	---	---	13
14	---	---	1.97 B	0.3848	15.7	0.018	0.118	0	0	0	---	---	14
15	---	---	2.24 B	0.3218	14.0	0.020	0.084	0	0	0	---	---	15
16	---	---	2.58 B	0.281	11.4	0.048	0.045	0	0	0	---	---	16
17	---	---	2.34 B	0.277	8.89	0.078	0.027	0	0	0	---	---	17
18	---	---	2.18 B	0.251	7.10	0.085	0.016	0	0	0	---	---	18
19	---	---	2.30 B	0.195	5.77	0.054	0.010	0	0	0	---	---	19
20	---	---	1.99 B	0.231	4.52	0.052	0.002	0	0	0	---	---	20
21	---	---	3.03 B	0.260	3.68	0.044	0	0	0	0	---	---	21
22	---	---	2.23 B	0.245	2.89	0.030	0	0	0	0	---	---	22
23	---	---	2.45 B	0.214	2.66	0.023	0	0	0	0	---	---	23
24	---	---	1.27 B	0.201	2.45	0.026	0	0	0	0	---	---	24
25	---	---	1.46 B	0.171	1.93	0.023	0	0	0	0	---	---	25
26	---	---	1.20 B	0.122	1.32	0.023	0	0	0	0	---	---	26
27	---	---	0.8698	0.091	0.985	0.025	0	0	0	0	---	---	27
28	---	---	1.28 B	0.085	0.801	0.033	0	0	0	0	---	---	28
29	---		1.51 B	0.037	0.554	0.033	0	0	0	0	---	---	29
30	---		1.88 B	0.025	0.577	0.030	0	0	0	0	---	---	30
31	---		2.01 B		0.516		0	0		0		---	31
TOTAL	---	---	67.261	21.228	151.318	2.853	1.458	0.092	0	0	---	---	TOTAL
MEAN	---	---	2.17	0.708	4.88	0.089	0.047	0.003	0	0	---	---	MEAN
MAX	---	---	3.36	2.22	15.8	0.418	0.203	0.042	0	0	---	---	MAX
MIN	---	---	0.013	0.025	0.010	0.018	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.555
MAXIMUM DAILY, 15.8 ON MAY 13
MINIMUM DAILY, 0 ON JUL 21
MAXIMUM INSTANTANEOUS,
16.1 AT 16:23 CST ON MAY 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 29 N
LONG 104 59 05 W
DRAINAGE AREA, 2 980 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	126
FEB	---	AUG	7.95
MAR	5 810	SEP	0
APR	1 830	OCT	0
MAY	13 100	NOV	---
JUN	330	DEC	---

TOTAL DISCHARGE, 21 100 dam³

MOOSE MOUNTAIN CREEK BELOW MOOSE MOUNTAIN LAKE - STATION NO. 05NC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.001B	0.530	0.239	0.244	0.084	0.019	0.005	0.017	0.018	---	1
2	---	---	0.003B	0.500	0.185	0.234	0.052	0.018	0.006	0.019	0.018	---	2
3	---	---	0.218B	0.457	0.185	0.274	0.040	0.017	0.008	0.018	0.017B	---	3
4	---	---	1.17 B	0.439	0.202	0.231	0.048	0.017	0.008	0.018	---	---	4
5	---	---	1.06 B	0.433	0.295	0.184	0.125	0.018	0.008	0.018	---	---	5
6	---	---	1.02 B	0.429	0.481	0.210	0.103	0.019	0.008	0.015	---	---	6
7	---	---	0.469B	0.418	0.284	0.185	0.075	0.017	0.009	0.015	---	---	7
8	---	---	0.290B	0.388	0.268	0.189	0.059	0.015	0.008	0.015	---	---	8
9	---	---	0.232B	0.380	0.347	0.176	0.053	0.015	0.009	0.013	---	---	9
10	---	---	0.221B	0.362	0.344	0.174	0.040	0.013	0.012	0.017	---	---	10
11	---	---	0.224B	0.429	0.313	0.180	0.037	0.012	0.017	0.014	---	---	11
12	---	---	0.206B	0.323	0.438	0.170	0.068	0.011	0.016	0.014	---	---	12
13	---	---	0.200B	0.325	0.381	0.129	0.073	0.011	0.013	0.017	---	---	13
14	---	---	0.286B	0.296B	0.418	0.120	0.080	0.012	0.015	0.017	---	---	14
15	---	---	0.639B	0.295B	0.403	0.124	0.085	0.011	0.013	0.018	---	---	15
16	---	---	1.17 B	0.276	0.481	0.118	0.084	0.011	0.012	0.018	---	---	16
17	---	---	0.961B	0.283	0.384	0.103	0.062	0.010	0.013	0.020	---	---	17
18	---	---	1.04 B	0.325	0.328	0.105	0.060	0.009	0.012	0.022	---	---	18
19	---	---	1.01 B	0.353	0.316	0.112	0.051	0.012	0.014	0.021	---	---	19
20	---	---	0.960B	0.304	0.308	0.112	0.042	0.016	0.015	0.020	---	---	20
21	---	---	0.920B	0.268	0.228	0.110	0.032	0.015	0.015	0.021	---	---	21
22	---	---	0.900B	0.278	0.196	0.110	0.026	0.017	0.018	0.021	---	---	22
23	---	---	0.840B	0.356	0.295	0.104	0.021	0.015	0.018	0.021	---	---	23
24	---	---	0.820B	0.289	0.302	0.086	0.021	0.015	0.016	0.021	---	---	24
25	---	---	0.790B	0.284	0.288	0.086	0.020	0.008	0.026	0.020	---	---	25
26	---	---	0.752B	0.277	0.277	0.085	0.020	0.008	0.026	0.020	---	---	26
27	---	---	0.700B	0.274	0.276	0.085	0.018	0.008	0.019	0.020	---	---	27
28	---	---	0.680B	0.271	0.279	0.089	0.020	0.007	0.016	0.019	---	---	28
29	---		0.640B	0.263	0.277	0.064	0.016	0.007	0.017	0.017	---	---	29
30	---		0.600	0.265	0.269	0.050	0.015	0.008	0.017	0.018	---	---	30
31	---		0.570		0.278		0.018	0.006		0.022		---	31
TOTAL	---	---	18.592	10.361	9.555	4.233	1.497	0.384	0.410	0.565	---	---	TOTAL
MEAN	---	---	0.632	0.345	0.308	0.141	0.048	0.013	0.014	0.018	---	---	MEAN
MAX	---	---	1.17	0.530	0.481	0.274	0.125	0.019	0.026	0.022	---	---	MAX
MIN	---	---	0.001	0.263	0.185	0.050	0.015	0.006	0.005	0.013	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.190
MAXIMUM DAILY, 1.17B ON MAR 4
MINIMUM DAILY, 0.001B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.69B AT 22 07 CST ON MAR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 23 N
LONG 103 00 54 W
DRAINAGE AREA, 2 310 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	129
FEB	---	AUG	34.0
MAR	1 690	SEP	35.4
APR	895	OCT	48.6
MAY	826	NOV	---
JUN	366	DEC	---

TOTAL DISCHARGE, 4 020 dam³

MOOSE MOUNTAIN CREEK NEAR OXBOW - STATION NO. 05ND004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.803B	1.55	0.448	0.220	0.104	0.449	0.004	0.005	0.008	---	1
2	---	---	3.79 B	1.45	0.416	0.187	0.087	0.297	0.003	0.018	0.008	---	2
3	---	---	8.28 B	1.30	0.372	0.173	0.078	0.227	0.003	0.018	0.010	---	3
4	---	---	10.4 B	1.19	0.344	0.152	0.083	0.190	0.003	0.014	0.011A	---	4
5	---	---	5.52 B	1.13	0.458	0.135	0.286	0.182	0.002	0.020	---	---	5
6	---	---	2.45 B	1.10	0.865	0.132	0.617	0.170	0.001	0.017	---	---	6
7	---	---	2.30 B	1.12	0.839	0.160	0.207	0.163	0.001	0.015	---	---	7
8	---	---	2.55 B	1.08	0.659	0.138	0.162	0.139	0.001	0.015	---	---	8
9	---	---	2.44 B	0.993	0.742	0.134	0.142	0.133	0.001	0.013	---	---	9
10	---	---	1.56 B	0.918	0.708	0.158	0.115	0.114	0.001	0.016	---	---	10
11	---	---	0.913B	0.889	0.908	0.185	0.134	0.103	0.002	0.015	---	---	11
12	---	---	0.750B	0.844B	0.977	0.140	0.323	0.090	0.002	0.013	---	---	12
13	---	---	0.523B	0.710B	0.987	0.129	0.261	0.083	0.002	0.011	---	---	13
14	---	---	0.568B	0.634B	0.901	0.136	0.634	0.078	0.002	0.012	---	---	14
15	---	---	0.393B	0.576B	0.861	0.123	0.361	0.079	0.001	0.016	---	---	15
16	---	---	0.409B	0.576B	0.771	0.128	0.248	0.082	0.001	0.017	---	---	16
17	---	---	0.532B	0.584	0.797	0.152	0.278	0.075	0.002	0.023	---	---	17
18	---	---	1.56 B	0.571	0.745	0.132	0.358	0.067	0.002	0.043	---	---	18
19	---	---	2.04 B	0.562	0.671	0.158	0.225	0.058	0.003	0.041	---	---	19
20	---	---	1.88 B	0.533	0.609	0.165	0.170	0.050	0.007	0.032	---	---	20
21	---	---	1.29 B	0.530	0.558	2.87	0.141	0.038	0.010	0.024	---	---	21
22	---	---	1.11 B	0.588	0.495	1.11	0.115	0.034	0.008	0.017	---	---	22
23	---	---	1.30 B	0.605	0.455	0.547	0.086	0.023	0.007	0.013	---	---	23
24	---	---	1.63 B	0.596	0.450	0.344	0.080	0.021	0.005	0.011	---	---	24
25	---	---	1.71 B	0.623	0.445	0.233	0.104	0.017	0.008	0.008	---	---	25
26	---	---	1.55 B	0.544	0.408	0.178	1.43	0.015	0.008	0.007	---	---	26
27	---	---	1.50 B	0.604	0.374	0.228	2.59	0.013	0.004	0.008	---	---	27
28	---	---	1.73	0.511	0.345	0.184	1.83	0.010	0.002	0.006	---	---	28
29	---		2.23	0.506	0.328	0.122	0.881	0.008	0.002	0.008	---	---	29
30	---		2.01	0.478	0.300	0.105	0.722	0.007	0.005	0.007	---	---	30
31	---		1.76		0.263		0.560	0.006		0.008		---	31
TOTAL	---	---	57.481	23.785	16.589	8.740	13.330	3.022	0.102	0.484	---	---	TOTAL
MEAN	---	---	2.18	0.793	0.600	0.291	0.430	0.097	0.003	0.016	---	---	MEAN
MAX	---	---	10.4	1.55	0.987	2.87	2.59	0.448	0.010	0.043	---	---	MAX
MIN	---	---	0.393	0.478	0.263	0.105	0.078	0.006	0.001	0.005	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.593
MAXIMUM DAILY, 10.4B ON MAR 4
MINIMUM DAILY, 0.001 ON SEP 5
MAXIMUM INSTANTANEOUS,
12.2B AT 17:15 CST ON MAR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 58 N
LONG 102 13 41 W
DRAINAGE AREA, 8 080 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 150
FEB	---	AUG	261
MAR	5 830	SEP	8.81
APR	2 060	OCT	41.6
MAY	1 810	NOV	---
JUN	786	DEC	---

TOTAL DISCHARGE, 11 700 dam³

MOOSE MOUNTAIN LAKE (RESERVOIR) NEAR CORNING - STATION NO. 05NC002

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	620.170E	620.158	620.184	620.547	620.497	620.456	620.335	620.287	620.140	620.134	620.095	620.084	1
2	620.170A	620.160	620.188	620.548	620.471	620.452	620.323	620.279	620.135	620.134	620.092	620.085	2
3	620.166	620.159	620.178	620.546	620.469	620.468	620.327	620.274	620.152	620.123	620.092	620.085	3
4	620.163	620.160	620.202	620.543	620.494	620.452	620.325	620.269	620.146	620.133	620.094	620.085	4
5	620.164	620.158	620.219	620.539	620.515	620.428	620.264	620.271	620.129	620.126	620.097	620.086	5
6	620.165	620.158	620.245	620.537	620.540	620.443	620.357	620.273	620.122	620.128	620.095	620.085	6
7	620.164	620.159	620.275	620.535	620.518	620.436	620.340	620.265	620.120	620.130	620.094	620.084	7
8	620.161	620.159	620.294	620.532	620.517	620.411	620.335	620.260	620.109	620.126	620.110	620.082	8
9	620.161	620.161	620.303	620.529	620.506	620.419	620.328	620.253	620.105	620.109	620.089	620.083	9
10	620.160	620.160	620.313	620.523	620.539	620.424	620.325	620.248	620.110	620.148	620.085	620.084	10
11	620.160	620.159	620.321	620.546	620.533	620.415	620.332	620.238	620.119	620.122	620.089	620.086	11
12	620.159	620.159	620.327	620.531	620.552	620.427	620.351	620.236	620.125	620.114	620.087	620.083	12
13	620.161	620.159	620.333	620.534	620.548	620.398	620.351	620.238	620.115	620.113	620.088	620.084	13
14	620.162	620.158	620.342	620.540	620.557	620.389	620.353	620.231	620.115	620.115	620.085	620.083	14
15	620.163	620.157	620.358	620.525	620.553	620.388	620.346	620.229	620.110	620.114	620.087	620.084	15
16	620.161	620.162	620.385	620.506	620.557	620.384	620.344	620.228	620.108	620.110	620.085	620.082	16
17	620.161	620.167	620.408	620.514	620.549	620.370	620.344	620.210	620.118	620.107	620.085	620.082	17
18	620.162	620.168	620.439	620.528	620.540	620.378	620.344	620.202	620.113	620.109	620.086	620.082	18
19	620.161	620.166	620.466	620.535	620.534	620.385	620.340	620.213	620.113	620.110	620.087	620.082	19
20	620.161	620.169	620.487	620.524	620.524	620.383	620.328	620.203	620.114	620.107	620.087	620.083	20
21	620.161	620.168	620.508	620.508	620.482	620.391	620.323	620.174	620.122	620.105	620.086	620.081	21
22	620.161	620.167	620.526	620.514	620.475	620.387	620.311	620.184	620.124	620.108	620.085	620.082	22
23	620.165	620.168	620.538	620.533	620.519	620.372	620.314	620.166	620.121	620.106	620.085	620.082	23
24	620.162	620.170	620.550	620.517	620.521	620.353	620.311	620.172	620.110	620.103	620.085	620.081	24
25	620.159	620.168	620.554	620.505	620.515	620.358	620.295	620.172	620.114	620.102	620.083	620.082	25
26	620.160	620.168	620.551	620.512	620.507	620.357	620.289	620.187	620.135	620.104	620.085	620.080	26
27	620.160	620.166	620.549	620.508	620.500	620.349	620.293	620.182	620.137	620.103	620.084	620.079	27
28	620.158	620.165	620.552	620.507	620.497	620.343	620.303	620.152	620.137	620.105	620.086	620.079	28
29	620.158		620.550	620.505	620.488	620.326	620.303	620.153	620.139	620.094	620.087	620.081	29
30	620.160		620.551	620.510	620.480	620.327	620.313	620.150	620.136	620.076	620.086	620.079	30
31	620.162		620.548		620.479		620.291	620.151		620.120		620.079	31
MEAN	620.162	620.163	620.394	620.525	620.515	620.395	620.327	620.217	620.123	620.114	620.089	620.083	MEAN
MAX	620.170	620.170	620.554	620.548	620.567	620.468	620.364	620.287	620.152	620.148	620.110	620.086	MAX
MIN	620.158	620.157	620.184	620.505	620.469	620.326	620.291	620.150	620.106	620.076	620.082	620.079	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 620.280
MAXIMUM DAILY, 620.567 ON MAY 16
MINIMUM DAILY, 620.075 ON OCT 30
MAXIMUM INSTANTANEOUS,
620.587 AT 08:30 CST ON MAY 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 29 N
LONG 103 01 58 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO TOPOGRAPHIC SURVEY DATUM

MOOSOMIN LAKE NEAR MOOSOMIN - STATION NO. 05NE002

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	544.130	544.205	544.624	544.567	544.535	544.488	544.355	544.331	543.993	---	1
2	---	---	544.135	544.209	544.621	544.565	544.532	544.483	544.348	544.337	543.970	---	2
3	---	---	544.165	544.212	544.622	544.566	544.527	544.478	544.346	544.324	543.957	---	3
4	---	---	544.229	544.208	544.627	544.555	544.523	544.476	544.338A	544.340	543.940	---	4
5	---	---	544.282	544.207	544.649	544.541	544.549	544.472	544.304A	544.335	543.925	---	5
6	544.290A	---	544.345	544.245	544.671	544.548	544.541	544.477	544.302A	544.336	543.907	---	6
7	---	---	544.385	544.292	544.678	544.544	544.531	544.482	544.302A	544.337	543.888	---	7
8	---	---	544.428	544.328	544.693	544.532	544.532	544.474	544.287A	544.328	543.867	---	8
9	---	---	544.459	544.361	544.699	544.532	544.526	544.468	544.278	544.304	543.865A	---	9
10	---	---	544.493	544.393	544.721	544.532	544.523	544.461	544.280	544.305	543.847E	---	10
11	---	---	544.499	544.421	544.726	544.525	544.524	544.458	544.286	544.286	543.830A	---	11
12	---	---	544.490	544.445	544.729	544.530	544.523	544.457	544.305A	544.271	543.822	---	12
13	---	---	544.476	544.470	544.720	544.514	544.525	544.458	544.313A	544.261	543.811	---	13
14	---	---	544.467	544.486	544.724	544.506	544.544	544.455	544.308A	544.244	543.802	---	14
15	---	---	544.477	544.513	544.717	544.505	544.542	544.448	544.304A	544.228	543.803	---	15
16	---	---	544.526	544.537	544.705	544.512	544.538	544.441	544.299	544.216	543.807	---	16
17	---	---	544.595	544.557	544.695	544.506	544.539	544.429	544.301	544.197	543.808	---	17
18	---	---	544.650	544.576	544.685	544.507	544.540	544.424	544.301	544.188	543.808A	---	18
19	---	---	544.655	544.596	544.671	544.545	544.533	544.427	544.308A	544.176	---	---	19
20	---	---	544.667	544.599	544.661	544.586	544.526	544.414	544.308	544.158	---	---	20
21	---	---	544.627	544.601	544.644	544.602	544.528	544.398	544.321	544.156	---	---	21
22	---	---	544.640	544.612	544.638	544.601	544.518	544.399	544.320	544.143	---	---	22
23	---	---	544.682	544.620	544.631	544.594	544.519	544.389	544.322	544.130	---	---	23
24	---	---	544.391	544.612	544.628	544.580	544.512	544.392	544.317	544.118	---	---	24
25	---	544.145A	544.340	544.614	544.621	544.581	544.508	544.388	544.331	544.106	---	---	25
26	---	544.140	544.281	544.621	544.610	544.578	544.515	544.382	544.352	544.085	---	---	26
27	---	544.132	544.278	544.621	544.602	544.582	544.508	544.378	544.353	544.083	---	---	27
28	---	544.129	544.279	544.623	544.601	544.555	544.514	544.372	544.353	544.068	---	---	28
29	---		544.276	544.619	544.594	544.540	544.508	544.372	544.352	544.038	---	---	29
30	---		544.257	544.622	544.589	544.536	544.510	544.372	544.345	544.017	---	---	30
31	---		544.231		544.582		544.495	544.366		544.024		---	31
MEAN	---	---	544.397	544.458	544.657	544.549	544.526	544.431	544.318	544.209	---	---	MEAN
MAX	---	---	544.655	544.623	544.729	544.602	544.549	544.488	544.355	544.340	---	---	MAX
MIN	---	---	544.130	544.205	544.582	544.506	544.495	544.366	544.278	544.017	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 544.729 ON MAY 12

MAXIMUM INSTANTANEOUS,
544.745 AT 09:15 CST ON MAY 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 45 N
LONG 101 41 28 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
3 850 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MORIN CREEK NEAR MEADOW LAKE - STATION NO. 05AD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1558	4.69 A	0.1698E	0.223	0.079	2.58	0.524	0.022	0.035	---	1
2	---	---	0.1558	3.50 E	0.1548E	0.175	0.035	3.24	0.450	0.018	0.036	---	2
3	---	---	0.1558	2.91 A	0.1248A	0.111	0.019	2.41	0.398	0.018	0.038	---	3
4	---	---	0.1558	2.40 E	0.105	0.058	0.008	1.64	0.377	0.125	0.1408A	---	4
5	---	---	0.1558	1.85 E	0.137	0.025	0.002	2.70	0.498	0.362	---	---	5
6	---	---	0.1558	1.80 E	0.087	0.100	0	3.30	0.333	0.337	---	---	6
7	---	---	0.1558	1.73 A	0.061	0.180	0	3.11	0.226	0.258	---	---	7
8	---	---	0.1558	1.85	0.091	0.179	0	2.88	0.343	0.212	---	---	8
9	---	---	0.1558	1.81	0.108	0.148	0	2.82	0.383	0.208	---	---	9
10	---	---	0.1558	1.32 A	0.160	0.112	0	2.84	0.310	0.191	---	---	10
11	---	---	0.1558	1.22 E	0.152	0.110	0	2.33	0.206	0.148	---	---	11
12	---	---	0.1558	1.17 E	0.123	0.143	0.001	2.03	0.218	0.157	---	---	12
13	---	---	0.1588	1.13 E	0.094	0.141	0.002	1.78	0.212	0.145	---	---	13
14	---	---	0.1578	1.03 A	0.087	0.116	0.003	1.48	0.207	0.099	---	---	14
15	---	---	0.1588	0.907A	0.223	0.092	0.005	1.27	0.171	0.[illegible]21	---	---	15
16	---	---	0.1598	0.861	0.235	0.057	0.017	1.14	0.147	0.110	---	---	16
17	---	---	0.1608	0.776	0.352	0.039	0.231	1.08	0.157	0.099	---	---	17
18	---	---	0.1638	0.749	0.326	0.059	0.037	1.03	0.151	0.095	---	---	18
19	---	---	0.1678	0.706	0.265	0.163	0.034	0.988	0.123	0.058	---	---	19
20	---	---	0.1708	0.684	0.328	0.092	0.052	0.778	0.117	0.047	---	---	20
21	---	---	0.1808	0.691	0.419	0.036	0.073	0.718	0.100	0.045	---	---	21
22	---	---	0.1908	0.724A	0.323	0.017	0.071	0.771	0.076	0.060	---	---	22
23	---	---	0.2058	0.674E	0.300	0.020	0.059	0.859	0.052	0.038	---	---	23
24	---	---	0.2308	0.595E	0.317	0.033	0.035	0.865	0.047	0.078	---	---	24
25	---	---	0.3708	0.528E	0.321	0.038	0.025	0.828	0.065	0.145	---	---	25
26	---	---	1.07 B	0.454E	0.305	0.050	0.034	0.782	0.072	0.118	---	---	26
27	---	---	1.66 B	0.391E	0.283	0.040	0.037	0.739	0.066	0.086	---	---	27
28	---	---	1.66 B	0.338E	0.191	0.038	0.224	0.675	0.069	0.082	---	---	28
29	---		1.66 B	0.287E	0.128	0.035	0.714	0.635	0.051	0.092	---	---	29
30	---		5.57 B	0.233E	0.145	0.033	1.42	0.605	0.038	0.071	---	---	30
31	---		5.64 B		0.094		1.84	0.566		0.044		---	31
TOTAL	---	---	21.585	37.910	5.250	2.685	4.858	49.348	5.242	3.840	---	---	TOTAL
MEAN	---	---	0.696	1.26	0.202	0.089	0.157	1.59	0.208	0.117	---	---	MEAN
MAX	---	---	5.64	4.69	0.419	0.223	1.84	3.30	0.524	0.362	---	---	MAX
MIN	---	---	0.155	0.233	0.061	0.017	0	0.566	0.038	0.018	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.541
MAXIMUM DAILY, 5.640 ON MAR 31
MINIMUM DAILY, 0 ON JUL 6
MAXIMUM INSTANTANEOUS,
5.728 AT 09:50 CST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 09 55 N
LONG 108 34 38 W
DRAINAGE AREA, 167 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	420
FEB	---	AUG	4 260
MAR	1 680	SEP	539
APR	3 280	OCT	314
MAY	540	NOV	---
JUN	230	DEC	---

TOTAL DISCHARGE, 11 400 dam³

MORIN LAKE NEAR VICTOIRE - STATION NO. 05AE003

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	28.058E	28.069	28.006	28.017	27.916	---	27.816	---	1
2	---	---	---	---	28.056	28.067	28.003	28.016	27.913	27.880	27.813	---	2
3	---	---	---	---	28.056	28.069	28.003	28.015	27.914	27.867	27.810	---	3
4	---	---	---	---	28.057E	28.052	28.003	28.013	27.910	27.856	27.807	---	4
5	---	---	---	---	28.058	28.059	28.001	28.012	27.893	27.853	27.805	---	5
6	---	---	---	---	28.059	28.058	28.001	28.011	27.897	27.849	27.806	---	6
7	---	---	---	---	28.062	28.057	27.897	28.005	27.893	27.845	27.807	---	7
8	---	---	---	---	28.054	28.052	27.892	28.005	27.888	---	---	---	8
9	---	---	---	---	28.058	28.055	27.878	27.999	27.885	27.844	---	---	9
10	---	---	---	---	28.061E	28.048	27.889	27.987	27.883	---	---	---	10
11	---	---	---	---	28.062	28.041	27.889	27.986	27.880	---	---	---	11
12	---	---	---	---	28.064	28.046	27.891	27.980	27.874	---	---	---	12
13	---	---	---	---	28.072	28.051	28.002	27.987	27.870	---	---	---	13
14	---	---	---	---	28.074	28.024	28.001	27.985	27.871	27.835	---	---	14
15	---	---	---	---	28.134	28.019	28.001	27.983	27.870	27.834	---	---	15
16	---	---	---	---	28.094	28.017	28.000	27.978	27.872	27.833	---	---	16
17	---	---	---	---	28.089	28.014	28.022	27.975	27.870	27.832	---	---	17
18	---	---	---	---	28.088	28.019	28.021	27.972	27.869	27.832	---	---	18
19	---	---	---	---	28.084	28.020	28.020	27.970	27.868E	27.831	---	---	19
20	---	---	---	---	28.082	28.019	28.017	27.980	27.867	---	---	---	20
21	---	---	---	---	28.085	28.016	28.017	27.946	27.869	27.831	---	---	21
22	---	---	---	---	28.084	28.017	28.013	27.942	27.871	27.831	---	---	22
23	---	---	---	---	28.087	28.016	28.012	27.943	27.870	27.830	---	---	23
24	---	---	---	---	28.081	28.017	28.011	27.940E	27.868	27.829	---	---	24
25	---	---	---	---	28.083	28.017	28.009	27.937	27.864	27.826	---	---	25
26	---	---	---	---	28.081	28.016	28.007	27.935	27.866	27.826	---	---	26
27	---	---	---	---	28.081	28.016	28.004	27.934	27.868	27.823	---	---	27
28	---	---	---	---	28.080	28.016	28.021	27.933	27.866	27.822	---	---	28
29	---		---	---	28.078	28.008	28.017	27.929	27.864	27.821	---	---	29
30	---		---	---	28.089	28.012	28.019	27.923	27.861	27.819	---	---	30
31	---		---		28.089		28.018	27.932		27.817		---	31
MEAN	---	---	---	---	28.074	28.033	28.006	27.973	27.879	---	---	---	MEAN
MAX	---	---	---	---	28.134	28.069	28.022	28.017	27.916	---	---	---	MAX
MIN	---	---	---	---	28.054	28.008	27.978	27.922	27.861	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 28.134 ON MAY 15

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 28 52 N
LONG 107 03 32 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MOSQUITO CREEK NEAR PAMBRUN - STATION NO. 05JB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	2.25 B	0.006	0	0	0	0	0	0	0	---	1
2	---	0 B	1.47	0.007	0	0	0	0	0	0	0	---	2
3	---	0 B	1.14	0.005	0	0	0	0	0	0	0	---	3
4	---	0 B	0.807	0.003	0	0	0	0	0	0	0	---	4
5	---	0 B	0.635	0.002	0.002	0	0	0	0	0	0	---	5
6	---	0 B	0.381	0.002	0.007	0	0	0	0	0	---	---	6
7	---	0 B	0.231	0.002	0.027	0	0	0	0	0	---	---	7
8	---	0 B	0.182	0.001	0.018	0.119	0	0	0	0	---	---	8
9	---	0 B	0.119	0.001	0.038	1.39	0	0	0	0	---	---	9
10	---	0 B	0.116	0.001	0.070	0.271	0	0	0	0	---	---	10
11	---	0 B	0.113	0	0.059	0.139	0	0	0	0	---	---	11
12	---	0 B	0.098	0	0.059	0.081	0	0	0	0	---	---	12
13	---	0 B	0.100	0	0.089	0.054	0	0	0	0	---	---	13
14	---	0 B	0.105	0	0.051	0.038	0	0	0	0	---	---	14
15	---	0 B	0.108	0	0.044	0.044	0	0	0	0	---	---	15
16	---	0 B	0.098	0	0.036	0.043	0	0	0	0	---	---	16
17	---	0 B	0.073	0	0.032	0.035	0	0	0	0	---	---	17
18	---	0 B	0.052	0	0.025	0.037	0	0	0	0	---	---	18
19	---	0 B	0.041	0	0.020	0.019	0	0	0	0	---	---	19
20	---	0 B	0.033	0	0.017	0.023	0	0	0	0	---	---	20
21	---	0 B	0.032	0	0.013	0.019	0.010	0	0	0	---	---	21
22	---	0 B	0.051	0	0.017	0.011	0.007	0	0	0	---	---	22
23	---	0 B	0.035	0	0.026	0.012	0.002	0	0	0	---	---	23
24	---	0 B	0.025	0	0.022	0.008	0	0	0	0	---	---	24
25	---	0.1008	0.021	0	0.011	0.006	0	0	0	0	---	---	25
26	---	0.3008	0.015	0	0.007	0.002	0	0	0	0	---	---	26
27	---	0.8008	0.018	0	0.002	0.001	0	0	0	0	---	---	27
28	---	2.91 B	0.026	0	0.002	0	0	0	0	0	---	---	28
29	---		0.026	0	0.001	0	0	0	0	0	---	---	29
30	---		0.018	0	0	0	0	0	-	0	---	---	30
31	---		0.012		0		0	0		0		---	31
TOTAL	---	4.110	8.441	0.032	0.665	2.342	0.018	0	0	0	---	---	TOTAL
MEAN	---	0.147	0.272	0.001	0.021	0.078	0.001	0	0	0	---	---	MEAN
MAX	---	2.91	2.25	0.008	0.070	1.39	0.010	0	0	0	---	---	MAX
MIN	---	0	0.012	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.057
MAXIMUM DAILY, 2.910 ON FEB 28
MINIMUM DAILY, 0.0 ON FEB 1
MAXIMUM INSTANTANEOUS,
3.780 AT 23:59 CST ON FEB 28

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 37 N
LONG 107 26 13 W
DRAINAGE AREA, 124 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1.64
FEB	355	AUG	0
MAR	729	SEP	0
APR	2.76	OCT	0
MAY	57.5	NOV	---
JUN	202	DEC	---

TOTAL DISCHARGE, 1 350 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

MUDDY LAKE INFLOW NEAR REVENUE - STATION NO. 05GB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.090	0	0	0	0	0	0	0	---	1
2	---	---	0 B	0.052	0	0	0	0	0	0	0	---	2
3	---	---	0 B	0.025	0	0	0	0	0	0	0	---	3
4	---	---	0 B	0.019	0	0	0	0	0	0	0	---	4
5	---	---	0 B	0.015	0	0	0	0	0	0	0	---	5
6	---	---	0 B	0.011	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.008	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.006	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.004	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.003	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.002	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.001	0	0	0	0	0	0	---	---	12
13	---	---	0 B		0	0	0	0	0	0	---	---	13
14	---	---	0 B		0	0	0	0	0	0	---	---	14
15	---	---	0 B		0	0	0	0	0	0	---	---	15
16	---	---	0 B		0	0	0	0	0	0	---	---	16
17	---	---	0 B		0	0	0	0	0	0	---	---	17
18	---	---	0.0598		0	0.003	0	0	0	0	---	---	18
19	---	---	0.0408		0	0.001	0	0	0	0	---	---	19
20	---	---	0.0438		0	0	0	0	0	0	---	---	20
21	---	---	0.0618		0	0	0	0	0	0	---	---	21
22	---	---	0.0528		0	0	0	0	0	0	---	---	22
23	---	---	0.1008		0	0	0	0	0	0	---	---	23
24	---	---	0.1408		0	0	0	0	0	0	---	---	24
25	---	---	0.1388		0	0	0	0	0	0	---	---	25
26	---	---	0.1018		0	0	0	0	0	0	---	---	26
27	---	---	0.2008		0	0	0	0	0	0	---	---	27
28	---	---	1.34 B		0	0	0	0	0	0	---	---	28
29	---		0.9428		0	0	0	0	0	0	---	---	29
30	---		0.428		0	0	0	0	0	0	---	---	30
31	---		0.172		0		0	0		0		---	31
TOTAL	---	---	3.834	0.236	0	0.004	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.124	0.008	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	1.34	0.090	0	0.003	0	0	0	0	---	---	MAX
MIN	---	---	0		0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.017
MAXIMUM DAILY, 1.340 ON MAR 28
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
2.690 AT 02:10 CST ON MAR 28

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 13 50 N
LONG 100 02 10 W
DRAINAGE AREA, 252 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	331	SEP	0
APR	20.4	OCT	0
MAY	0	NOV	---
JUN	0.36	DEC	---

TOTAL DISCHARGE, 352 dam³

MUDJATIK RIVER NEAR FORCIER LAKE - STATION NO. 08BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.48	11.28	9.978	11.18	28.98	50.7	30.9	94.0	40.9	28.2	22.88	19.58	1
2	14.48	11.28	10.0 B	11.18	34.58	49.4	30.4	92.7	40.0	27.8	17.48	19.58	2
3	14.38	11.28	10.0 B	11.08	35.08	48.3	31.4	90.8	39.4	27.7	21.88	19.48	3
4	14.28	11.28	10.3 B	11.18	36.9	46.7	34.9	89.4	38.6	27.6	22.08	19.48	4
5	14.18	11.28	10.5 B	11.48	38.5	45.6	43.5	88.6	37.9	27.4	24.58	19.08	5
6	13.98	11.18	10.6 B	12.28	39.7	44.5	53.4	87.0	37.6	27.8	23.28	18.88	6
7	13.78	10.98	10.8 B	12.98	40.4	43.5	60.9	84.7	36.9	26.1	21.28	18.98	7
8	13.68	10.88	10.9 B	13.38	41.1	42.3	66.2	83.1	36.3	26.5	21.68	19.08	8
9	13.58	10.68	11.0 B	13.88	41.7	41.4	70.0	81.8	35.7	26.6	21.88	19.08	9
10	13.38	10.68	11.0 B	14.1e	43.1	40.5	72.4	79.7	35.1	26.6	22.18	19.18	10
11	13.28	10.68	10.9 B	14.78	44.6	40.5	74.6	77.0	34.6	26.6	21.78	18.98	11
12	13.08	10.68	10.8 B	15.18	46.3	41.2	77.3	74.7	33.8	26.4	20.78	18.68	12
13	13.08	10.58	10.7 B	14.98	47.2	40.9	81.0	72.3	33.3	26.3	20.58	18.58	13
14	12.88	10.48	10.7 B	14.68	47.9	40.0	85.0	70.1	32.8	26.0	21.08	18.68	14
15	12.88	10.38	10.7 B	14.78	48.8	39.4	89.1	67.5	32.3	27.8	21.38	18.58	15
16	12.88	10.28	10.7 B	14.98	49.5	38.5	91.9	65.0	31.7	27.6	21.38	18.38	16
17	12.48	10.28	10.7 B	14.98	50.9	37.9	93.3	62.9	31.4	27.1	21.08	18.38	17
18	12.28	10.28	10.8 B	15.08	53.2	37.4	93.8	61.0	31.0	27.2	20.78	18.38	18
19	12.08	10.28	10.8 B	15.18	54.9	37.2	93.8	58.8	30.7	27.2	20.28	18.38	19
20	11.98	10.28	10.9 B	15.08	55.6	36.3	93.1	56.8	30.4	27.3	19.98	18.28	20
21	11.78	10.28	11.0 B	14.88	56.3	36.0	92.2	55.5	30.1	27.0	20.08	18.28	21
22	11.58	10.28	11.0 B	14.68	56.4	35.8	91.4	54.0	29.7	26.8	19.98	18.28	22
23	11.48	10.28	11.0 B	14.58	56.7	35.4	91.5	52.6	29.4	26.8	19.48	18.28	23
24	11.28	10.18	11.0 B	14.78	56.9	35.1	91.7	51.1	29.1	26.8	19.38	18.18	24
25	11.28	10.18	11.0 B	15.68	56.8	35.1	92.2	49.5	29.0	26.7	19.48	18.08	25
26	11.38	10.18	11.1 B	16.18	56.6	34.5	92.5	47.7	28.7	26.6	19.48	18.08	26
27	11.38	10.08	11.1 B	16.28	56.2	33.6	91.9	46.4	28.7	26.5	19.58	18.08	27
28	11.28	10.08	11.1 B	18.88	55.2	32.7	92.7	45.2	28.6	26.1	19.58	18.08	28
29	11.38		11.2 B	19.98	54.2	32.2	94.3	44.1	28.7	25.1	19.58	17.88	29
30	11.28		11.1 B	25.18	52.9	31.4	96.4	43.2	28.4	24.58	19.58	17.98	30
31	11.28		11.0 B		52.0		95.4	42.0		24.48		17.88	31
TOTAL	389.8	294.3	334.37	441.1	1 490.1	1 184.0	2 389.1	2 058.3	990.8	844.8	821.9	574.3	TOTAL
MEAN	12.6	10.5	10.8	14.7	48.1	38.5	77.1	66.8	33.0	27.3	20.7	18.5	MEAN
MAX	14.4	11.2	11.2	25.1	56.9	50.7	96.4	94.0	40.9	28.6	24.5	19.5	MAX
MIN	11.2	10.0	9.97	11.0	28.9	31.4	30.4	42.0	28.4	24.4	17.4	17.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.8
MAXIMUM DAILY, 96.4 ON JUL 30
MINIMUM DAILY, 9.978 ON MAR 1
MAXIMUM INSTANTANEOUS,
96.7 AT 04 52 CST ON JUL 30

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 05 30 N
LONG 107 35 30 W
DRAINAGE AREA, 5 940 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33 700	JUL	205 000
FEB	25 400	AUG	178 000
MAR	28 900	SEP	85 600
APR	38 100	OCT	73 000
MAY	129 000	NOV	53 700
JUN	102 000	DEC	49 600

TOTAL DISCHARGE, 1 000 000 dam³

NASHLYN CANAL NEAR CONSUL - STATION NO. 11AB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.069	0.359	0	0.778	0	0	0	0	---	---	1
2	---	---	0.752	0.355	0	0.540	0	0	0	0	---	---	2
3	---	---	1.17	0.359	0	0.348	0	0	0	0	---	---	3
4	---	---	1.16	0.303	0	0.038	0	0	0	0	---	---	4
5	---	---	1.29	0.061	0	0	0	0	0	0	---	---	5
6	---	---	1.30	0.041	0	0	0	0	0	0	---	---	6
7	---	---	1.34	0.474	0	0	0	0	0	0	---	---	7
8	---	---	1.08	0.555	0	0	0	0	0	0	---	---	8
9	---	---	1.19	0.385	0	0	0	0	0	0	---	---	9
10	---	---	1.19	0.091	0	0	0	0	0	0	---	---	10
11	---	---	1.11	0.044	0	0	0	0	0	0	---	---	11
12	---	---	0.858	0.027	0	0	0	0	0	0	---	---	12
13	---	---	0.709	0.018	0	0	0	0	0	0	---	---	13
14	---	---	0.544	0.007	0	0	0	0	0	0	---	---	14
15	---	---	0.543	0	0	0	0	0	0	0	---	---	15
16	---	---	0.448	0	0	0	0	0	0	0	---	---	16
17	---	---	0.429	0	0	0	0	0	0	0	---	---	17
18	---	---	0.485	0	0	0	0	0	0	0	---	---	18
19	---	---	0.388	0	0	0	0	0	0	0	---	---	19
20	---	---	0.378	0	0	0	0	0	0	0	---	---	20
21	---	---	0.831	0	0	0	0	0	0	0	---	---	21
22	---	---	0.831	0	0	0	0	0	0	0	---	---	22
23	---	---	1.08	0	0	0	0	0	0	0	---	---	23
24	---	0	1.02	0	0	0	0	0	0	0	---	---	24
25	---	0 A	0.915	0	0	0	0	0	1.12 A	0	---	---	25
26	---	0.032	0.899	0	0.043A	0	0	0	0.743	0	---	---	26
27	---	0.141	0.402	0	0.708	0	0	0	0.038	0	---	---	27
28	---	0.057	0.377	0	0.897	0	0	0	0.015	0	---	---	28
29	---		0.385	0	0.898	0	0	0	0	0	---	---	29
30	---		0.386	0	0.810	0	0	0	0	0	---	---	30
31	---		0.358		0.906		0	0		0		---	31
TOTAL	---	---	23.747	3.059	4.363	1.704	0	0	1.916	0	---	---	TOTAL
MEAN	---	---	0.766	0.102	0.141	0.057	0	0	0.064	0	---	---	MEAN
MAX	---	---	1.34	0.555	0.810	0.778	0	0	1.12	0	---	---	MAX
MIN	---	---	0.069	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.142
MAXIMUM DAILY, 1.34 ON MAR 7
MINIMUM DAILY, 0 ON APR 15

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 13 56 N
LONG 109 33 27 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	2 080	SEP	188
APR	284	OCT	0
MAY	377	N	---
JUN	147	[illegible]	---

TOTAL DISCHARGE, 3 000 dam³

NEMEIBEN LAKE NEAR LA RONGE - STATION NO. 05CB003

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	370.481	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	370.385	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 15 38 N
LONG 105 22 10 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

NEWTON LAKE - STATION NO 11AC056

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	801.881A	803.500	803.489	803.558	802.998	802.209	801.985	802.129	801.887	---	1
2	---	---	802.511A	803.501	803.488	803.533	802.990	802.193	801.982	802.177	801.902	---	2
3	---	---	803.367A	803.500	803.491	803.502	802.987	802.185	801.985	802.188	801.915	---	3
4	---	---	803.559A	803.510	803.494	803.456	802.980	802.172	801.959	802.200	801.915	---	4
5	---	---	803.556A	803.641	803.516	803.422	802.977	802.163	801.976	802.200	801.910A	---	5
6	---	---	803.500A	803.560	803.575	803.384	802.970	802.182	801.975	802.202	---	---	6
7	---	---	803.534	803.573	803.571	803.350	802.961	802.157	801.989	802.198	---	---	7
8	---	---	803.559	803.572	803.561	803.309	802.957	802.150	801.984	802.204	---	---	8
9	---	---	803.480	803.569	803.585	803.281	802.947	802.141	801.983	802.201	---	---	9
10	---	---	803.458	803.564	803.617	803.255	802.925	802.130	801.989	802.195	---	---	10
11	---	---	803.453	803.556	803.652	803.224	802.908	802.122	801.971	802.172	---	---	11
12	---	---	803.432	803.543	803.650	803.194	802.893	802.121	801.985	802.150	---	---	12
13	---	---	803.448	803.545	803.616	803.168	802.868	802.117	801.953	802.139	---	---	13
14	---	---	803.467	803.540	803.576	803.136	802.848	802.112	801.955	802.118	---	---	14
15	---	---	803.471	803.521	803.550	803.118	802.818	802.107	801.955	802.094	---	---	15
16	---	---	803.465	803.520	803.533	803.094	802.777	802.098	801.985	802.071	---	---	16
17	---	---	803.455	803.536	803.532	803.076	802.748	802.083	801.958	802.048	---	---	17
18	---	---	803.451	803.542	803.551	803.069	802.701	802.087	801.962	802.026	---	---	18
19	---	---	803.447	803.540	803.570	803.059	802.661	802.074	801.973	802.004	---	---	19
20	---	---	803.450	803.532	803.576	803.043	802.626	802.065	801.987	801.980	---	---	20
21	---	---	803.438	803.525	803.573	803.035	802.800	802.058	801.989	801.962	---	---	21
22	---	---	803.443	803.520	803.610	803.031	802.587	802.053	802.008	801.940	---	---	22
23	---	---	803.429	803.515	803.612	803.028	802.541	802.044	802.001	801.915	---	---	23
24	---	---	803.448	803.508	803.641	803.023	801.512	802.040	802.000	801.902	---	---	24
25	---	---	803.482	803.500	803.664	803.015	802.482	802.030	802.045	801.888	---	---	25
26	---	799.739A	803.480	803.506	803.662	803.004	802.444	802.022	802.090	801.869	---	---	26
27	---	800.288A	803.468	803.503	803.652	802.894	802.404	802.015	802.107	801.857	---	---	27
28	---	801.148A	803.484	803.508	803.645	802.891	802.364	802.011	802.108	801.853	---	---	28
29	---		803.497	803.506	803.639	802.852	802.327	802.006	802.108	801.848	---	---	29
30	---		803.500	803.503	803.611	802.899	802.281	802.002	802.111	801.855	---	---	30
31	---		803.507		803.588		802.238	801.894		801.879		---	31
MEAN	---	---	803.390	803.529	803.585	803.178	802.719	802.094	801.999	802.047	---	---	MEAN
MAX	---	---	803.559	803.573	803.664	803.556	802.998	802.209	802.111	802.204	---	---	MAX
MIN	---	---	801.881	803.500	803.488	802.891	802.238	801.894	801.953	801.848	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 803.664 ON MAY 26
MINIMUM DAILY, 799.739A ON FEB 26
MAXIMUM INSTANTANEOUS,
803.687 AT 14:25 CST ON MAY 25

SUMMARY FOR THE YEAR 1986

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 12 N
LONG 107 48 20 W

A - MANUAL GAUGE

REGULATED SINCE 1937

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY .052 m ADJUSTMENT TO CONVERT TO TOPOGRAPHIC SURVEY DATUM

REMARKS - WIND EFFECTS WERE GRAPHICALLY ELIMINATED

NEWTON LAKE MAIN CANAL - STATION NO. 11AC054

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	2.57	0	0.976	0	0	0	---	1
2	---	---	0	0	0	2.85	0	0.488	0	0	0	---	2
3	---	---	0	0	0	3.04	0	0.389	0	0	0	---	3
4	---	---	0	0	0	3.02	0	0.338	0	0	0	---	4
5	---	---	0	0	0	3.02	0	0	0	0	0	---	5
6	---	---	0	0	0	2.98	0	0	0	0	---	---	6
7	---	---	0	0	0	2.95	0	0	0	0	---	---	7
8	---	---	0	0	0	2.84	0	0	0	0	---	---	8
9	---	---	0	0	0	2.53	0.827	0	0	0	---	---	9
10	---	---	0	0	0	2.20	1.38	0	0	0	---	---	10
11	---	---	0	0	0	2.03	1.37	0	0	0	---	---	11
12	---	---	0	0	0	2.01	1.08	0	0	0	---	---	12
13	---	---	0	0	0	1.98	1.13	0	0	0	---	---	13
14	---	---	0	0	0	1.95	1.46	0	0	0	---	---	14
15	---	---	0	0	0	1.84	1.54	0	0	0	---	---	15
16	---	---	0	0	0	1.71	1.73	0	0	0	---	---	16
17	---	---	0	0	0	1.42	1.89	0	0	0	---	---	17
18	---	---	0	0	0	1.13	1.81	0	0	0	---	---	18
19	---	---	0	0	0	1.05	1.67	0	0	0	---	---	19
20	---	---	0	0	0	0.904	1.46	0	0	0	---	---	20
21	---	---	0	0	0	0.584	1.42	0	0	0	---	---	21
22	---	---	0	0	0	0.378	1.51	0	0	0	---	---	22
23	---	---	0	0	0	0.382	1.50	0	0	0	---	---	23
24	---	---	0	0	0	0.388	1.49	0	0	0	---	---	24
25	---	---	0	0	0	0.586	1.65	0	0	0	---	---	25
26	---	0	0	0	0	0.512	1.69	0	0	0	---	---	26
27	---	0	0	0	0	0.173	1.85	0	0	0	---	---	27
28	---	0	0	0	0.539	0	1.68	0	0	0	---	---	28
29	---		0	0	2.07	0	1.88	0	0	0	---	---	29
30	---		0	0	2.28	0	1.87	0	0	0	---	---	30
31	---		0		2.36		1.28	0		0		---	31
TOTAL	---	---	0	0	7.249	47.125	35.287	2.191	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.234	1.57	1.14	0.071	0	0	---	---	MEAN
MAX	---	---	0	0	2.36	3.04	1.88	0.976	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.375
MAXIMUM DAILY, 3.04 ON JUN 3
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 18 N
LONG 107 48 05 W

REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 050
FEB	---	AUG	185
MAR	0	SEP	0
APR	0	OCT	0
MAY	626	NOV	---
JUN	4 070	DEC	---

TOTAL DISCHARGE, 7 940 dam³

NICKLE LAKE NEAR WEYBURN - STATION NO. 05NB020

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	562.321	562.270	562.341	563.163	563.058	563.050	562.893	562.861	562.847	562.811	562.559	562.508A	1
2	562.322	562.270	562.395	563.157	563.049	563.041	562.886	562.855	562.841	562.813	562.556	562.507E	2
3	562.320	562.268	562.457	563.153	563.046	563.038	562.884	562.848	562.843	562.808	562.554	562.508E	3
4	562.316	562.268	562.537	563.146	563.049	563.025	562.881	562.843	562.838	562.809	562.555	562.505E	4
5	562.314	562.268	562.629	563.140	563.094	563.013	562.910	562.838	562.825	562.805	562.554	562.499E	5
6	562.312	562.268	562.711	563.139	563.137	563.010	562.904	562.835	562.818	562.809	562.552A	562.492E	6
7	562.308	562.266	562.771	563.130	563.144	563.002	562.896	562.826	562.812	562.825	562.548E	562.493E	7
8	562.307	562.264	562.833	563.120	563.201	562.992	562.891	562.819	562.808	562.820	562.554E	562.496E	8
9	562.305	562.263	562.892	563.117	563.301	563.002	562.887	562.816	562.800	562.814	562.541E	562.498E	9
10	562.302	562.262	562.960	563.115	563.378	563.001	562.885	562.807	562.803	562.822	562.536E	562.497E	10
11	562.306	562.259	563.034	563.127	563.438	562.995	562.882	562.797	562.803	562.809	562.532E	562.496E	11
12	562.300	562.256	563.088	563.113	563.354	562.987	562.901	562.794	562.802	562.803	562.530E	562.494E	12
13	562.298	562.257	563.129	563.116	563.373	562.970	562.901	562.791	562.795	562.801	562.529E	562.493E	13
14	562.296	562.255	563.160	563.117	563.383	562.962	562.895	562.782	562.794	562.799	562.529E	562.493E	14
15	562.296	562.253	563.186	563.106	563.360	562.968	562.891	562.775	562.793	562.797	562.528E	562.492E	15
16	562.296	562.253	563.217	563.102	563.326	562.972	562.888	562.768	562.789	562.793	562.528E	562.491E	16
17	562.296	562.254	563.246	563.110	563.281	562.967	562.913	562.766	562.790	562.792	562.527E	562.489E	17
18	562.296	562.253	563.273	563.113	563.252	562.965	562.916	562.749	562.787	562.791	562.526E	562.483E	18
19	562.292	562.252	563.286	563.111	563.225	562.967	562.913	562.747	562.791	562.790	562.529E	562.478E	19
20	562.293	562.251	563.288	563.101	563.202	562.961	562.908	562.734	562.798	562.787	562.526E	562.474E	20
21	562.290	562.248	563.286	563.095	563.173	562.956	562.901	562.720	562.804	562.785	562.524E	562.471E	21
22	562.288	562.245	563.285	563.088	563.185	562.947	562.894	562.713	562.803	562.784	562.523E	562.472E	22
23	562.285	562.242	563.272	563.102	563.174	562.939	562.891	562.703	562.799	562.780	562.521E	562.475E	23
24	562.285	562.241	563.257	563.088	563.160	562.928	562.885	562.697	562.795	562.778	562.518E	562.474E	24
25	562.283	562.240	563.248	563.081	563.145	562.924	562.877	562.701	562.808	562.778	562.518E	562.475E	25
26	562.280	562.250	563.224	563.080	563.130	562.918	562.874	562.687	562.811	562.775	562.516E	562.475E	26
27	562.277	562.277	563.211	563.076	563.117	562.909	562.875	562.680	562.810	562.775	562.514E	562.474E	27
28	562.276	562.300	563.199	563.074	563.103	562.902	562.889	562.673	562.810	562.771	562.512E	562.474E	28
29	562.276		563.193	563.074	563.091	562.891	562.886	562.688	562.817	562.768	562.510E	562.474E	29
30	562.275		563.179	563.070	563.078	562.892	562.878	562.659	562.814	562.762	562.510E	562.472A	30
31	562.273		563.179		563.071		562.885	562.655		562.573		562.470	31
MEAN	562.298	562.259	563.031	563.111	563.185	562.970	562.892	562.781	562.808	562.784	562.532	562.487	MEAN
MAX	562.322	562.300	563.288	563.163	563.438	563.050	562.918	562.861	562.847	562.826	562.559	562.508	MAX
MIN	562.273	562.240	562.341	563.070	563.046	562.891	562.865	562.655	562.787	562.762	562.510	562.470	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 36 33 N
LONG 103 47 28 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS IN METRES

MEAN, 562.731
MAXIMUM DAILY, 563.438 ON MAY 11
MINIMUM DAILY, 562.240 ON FEB 25
MAXIMUM INSTANTANEOUS,
563.461 AT 20:27 CST ON MAY 11

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

NORBURY CREEK NEAR SPIRITWOOD - STATION NO. 05AE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.84 B	0.295	0.010	0	0	0	0	0	---	1
2	---	---	0 B	1.88 B	0.098	0.009	0	0	0	0	0	---	2
3	---	---	0 B	1.62 B	0.072	0.004	0	0	0	0	0	---	3
4	---	---	0 B	1.34	0.036	0.005	0	0	0	0	---	---	4
5	---	---	0 B	1.09	0.038	0.003	0	0	0	0	---	---	5
6	---	---	0 B	0.854	0.044	0.004	0	0	0	0	---	---	6
7	---	---	0 B	0.785	0.034	0.005	0	0	0	0	---	---	7
8	---	---	0 B	0.852	0.031	0.006	0	0	0	0	---	---	8
9	---	---	0 B	0.768	0.034	0.008	0	0	0	0	---	---	9
10	---	---	0 B	0.632	0.043	0.007	0	0	0	0	---	---	10
11	---	---	0 B	0.455	0.049	0.004	0	0	0	0	---	---	11
12	---	---	0 B	0.333	0.046	0.002	0	0	0	0	---	---	12
13	---	---	0 B	0.248	0.044	0.001	0	0	0	0	---	---	13
14	---	---	0 B	0.207	0.046	0	0	0	0	0	---	---	14
15	---	---	0 B	0.184	0.047	0	0	0	0	0	---	---	15
16	---	---	0 B	0.172	0.043	0	0	0	0	0	---	---	16
17	---	---	0 B	0.172	0.044	0	0	0	0	0	---	---	17
18	---	---	0 B	0.204	0.046	0	0	0	0	0	---	---	18
19	---	---	0 B	0.236	0.043	0	0	0	0	0	---	---	19
20	---	---	0 B	0.285	0.040	0	0	0	0	0	---	---	20
21	---	---	0 B	0.302	0.048	0	0	0	0	0	---	---	21
22	---	---	0 B	0.300	0.128	0	0	0	0	0	---	---	22
23	---	---	0 B	0.297	0.101	0	0	0	0	0	---	---	23
24	---	---	0 B	0.298	0.088	0	0	0	0	0	---	---	24
25	---	---	0 B	0.301	0.049	0	0	0	0	0	---	---	25
26	---	---	0.1158	0.295	0.034	0	0	0	0	0	---	---	26
27	---	---	0.2488	0.299	0.022	0	0	0	0	0	---	---	27
28	---	---	0.3028	0.286	0.016	0	0	0	0	0	---	---	28
29	---		0.4228	0.295	0.016	0	0	0	0	0	---	---	29
30	---		0.9578	0.295	0.015	0	0	0	0	0	---	---	30
31	---		1.57 B		0.013		0	0		0		---	31
TOTAL	---	---	3.614	17.125	1.880	0.088	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.117	0.571	0.054	0.002	0	0	0	0	---	---	MEAN
MAX	---	---	1.57	1.88	0.295	0.010	0	0	0	0	---	---	MAX
MIN	---	---	0	0.172	0.013	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.092
MAXIMUM DAILY, 1.888 ON APR 2
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.078 AT 21 02 CST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 21 17 N
LONG 107 28 01 W
DRAINAGE AREA, 432 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	312	SEP	0
APR	1 480	OCT	0
MAY	145	NOV	---
JUN	5 88	DEC	---

TOTAL DISCHARGE, 1 940 dam³

NORTH SASKATCHEWAN RIVER AT PRINCE ALBERT - STATION NO 05GG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	155 B	102 B	74.38	2888	303	443	384	913E	257E	250E	231B	135B	1
2	159 B	114 B	70.98	2818	298	415	379	849E	251A	234E	218B	118B	2
3	160 B	112 B	77.58	2728	292	388	358	787E	249	268E	223B	102B	3
4	156 B	106 B	89.48	2958	285	392	341	729E	261	320E	223B	105B	4
5	146 B	100 B	97.78	3458	284	448	331	677A	263	453	217B	140B	5
6	131 B	93.68	100 B	4078	280	511	328	641	255	497	225B	168B	6
7	118 B	88.88	102 B	4548	275	532	328	595	245	455	241B	169B	7
8	123 B	87.78	96.28	5008	268	514	336	541	234	404	241B	171B	8
9	142 B	86.88	86.28	5598	261	488	417	525	220	383	211B	176B	9
10	151 B	92.48	107 B	6108	253	466	494	486	215	406	194B	182B	10
11	144 B	97.48	123 B	6688	245	447	481	424	215	418	176B	183B	11
12	132 B	95.18	139 B	6598	251	420	452	405	227	396A	162B	171B	12
13	120 B	93.88	151 B	507	257	403	427	389	246	355E	155B	155B	13
14	110 B	95.58	162 B	403	253	385	428	391	258	338A	161B	152B	14
15	104 B	97.18	174 B	410	259	380	447	380A	268	341	172B	163B	15
16	104 B	98.28	184 B	504	276	377	455	353E	278	370	163B	169B	16
17	105 B	98.28	195 B	545	291	375	477	330E	279	382	160B	170B	17
18	104 B	97.58	197 B	638	283	375	493	308A	289	356	167B	168B	18
19	100 B	99.88	187 B	534	283	370	496	288	298	330	165B	152B	19
20	98.88	99.88	175 B	485	313	355	492	281	272	310	147B	140B	20
21	95.88	97.98	152 B	585	337	356	473	288	263	282	123B	155B	21
22	97.68	97.28	151 B	608	336	381	484	279	263	279	119B	173B	22
23	96.28	96.48	145 B	497	336	371	2 490	281	248	272	125B	172B	23
24	95.58	95.08	141 B	483	355	389	3 230	273	234	277	122B	161B	24
25	94.48	98.98	148 B	415	411	382	2 210A	262	232	272	117B	153B	25
26	97.68	92.48	159 B	354	484	377	1 850	261	235	249	114B	159B	26
27	100 B	85.28	166 B	315	508	372	1 510	259A	245A	239	118B	162B	27
28	103 B	80.48	174 B	300	499	367	1 370A	256E	240E	234	136B	162B	28
29	104 B		187 B	298	482	378	1 210A	240E	228E	237	148B	161B	29
30	104 B		225 B	301	484	383	1 060A	245E	270E	255	147B	150B	30
31	97.18		257 B		457		881E	250E		2388		157B	31
TOTAL	3 850.8	2 705.2	4 525.2	13 680	10 179	12 181	25 024	13 186	7 535	10 100	5 141	4 884	TOTAL
MEAN	118	96.6	146	455	328	406	807	425	251	326	171	157	MEAN
MAX	160	114	257	668	508	532	3 230	913	298	497	241	183	MAX
MIN	94.4	80.4	70.8	272	245	355	328	240	215	234	114	102	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 308
MAXIMUM DAILY, 3 230 ON JUL 24
MINIMUM DAILY, 70.8B ON MAR 2
MAXIMUM INSTANTANEOUS,
3 420 AT 08:00 CST ON JUL 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 12 10 N
LONG 105 46 08 W
DRAINAGE AREA, 131 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1962

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	315 000	JUL	2 160 000
FEB	234 000	AUG	1 140 000
MAR	391 000	SEP	851 000
APR	1 180 000	OCT	873 000
MAY	878 000	NOV	444 000
JUN	1 050 000	DEC	420 000

TOTAL DISCHARGE, 9 740 000 dam³

REMARKS - THE PEAK DISCHARGE OCCURRED AS A RESULT OF RAIN IN THE MOUNTAINS

NORTH SASKATCHEWAN RIVER NEAR DEER CREEK - STATION NO. 05EF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	112 B	87.0B	91.3B	2810	261	466	335	591	254	479	226	1530	1
2	131 B	85.0B	80.3B	3010	256	500	328	545	239	434	232	1780	2
3	151 B	86.0B	93.6B	2980	253	466	336	512	229	387	230	1760	3
4	153 B	93.0B	112 B	2870	243	462	383	486	210	334	240	1630	4
5	142 B	97.0B	125 B	2920	236	440	485	485	206	349	218	1660	5
6	132 B	95.0B	151 B	2890	213	424	463	423	204	386	201	1720	6
7	122 B	93.0B	162 B	3000	219	408	428	374	221	361	1830	1570	7
8	113 B	92.0B	165 B	3050	225	385	406	375	235	326	1830	1570	8
9	105 B	91.5B	171 B	2880	228	389	388	364	239	306	1810	1790	9
10	101 B	91.0B	181 B	3860	239	365	410	375	252	303	1950	1770	10
11	103 B	91.0B	187 B	4130	260	372	427	344	257	318	1790	1700	11
12	102 B	90.9B	149 B	4150	268	380	441	332	262	354	1410	1730	12
13	100 B	94.1B	142 B	4130	256	366	442	304	266	340	1390	1460	13
14	97.0B	93.8B	126 B	4120	258	357	485	277	283	307	1510	1230	14
15	95.0B	90.2B	117 B	3950	292	345	480	271	253	290	1460	1460	15
16	98.0B	86.8B	118 B	3840	316	362	447	275	240	273	1380	1730	16
17	94.5B	91.0B	130 B	3710	314	341	445	274	245	262	1360	1660	17
18	95.0B	87.8B	131 B	3890	313	352	444	271	228	254	1330	1510	18
19	96.0B	92.0B	136 B	376	324	384	495	276	212	252	1410	1320	19
20	96.0B	84.9B	135 B	386	352	352	2 090	257	218	264	1410	1430	20
21	100 B	79.1B	142 B	321	419	354	3 760	261	227	238	1770	1440	21
22	101 B	79.5B	143 B	279	456	360	2 870	252	218	222	1830	1440	22
23	98.0B	69.3B	148 B	265	449	344	1 840	260	223	226	1620	1410	23
24	96.0B	85.9B	172 B	262	445	385	1 340	235	215	213	1380	1430	24
25	105 B	76.6B	186 B	271	423	371	1 120	245	218	249	1300	1390	25
26	111 B	86.8B	162 B	271	420	377	893	250	212	243	1130	1350	26
27	109 B	83.1B	141 B	273	417	373	842	254	218	236	1180	1180	27
28	106 B	96.0B	144 B	287	391	359	795	252	224	236	1570	1060	28
29	100 B		152 B	263	366	343	717	247	240	226	1880	1330	29
30	95.0B		189 B	256	358	333	707	262	387	220	1460	1410	30
31	91.0B		244 B		400		664	258		218		1430	31
TOTAL	3 352.5	2 453.1	4 470.2	5 746	9 870	11 437	25 664	10 147	7 115	8 114	5 057	4 726	TOTAL
MEAN	108	87.6	144	325	318	381	828	327	237	284	169	152	MEAN
MAX	153	97.0	244	416	456	500	3 760	591	387	479	240	186	MAX
MIN	91.0	65.9	80.3	262	213	333	328	235	204	213	113	105	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 283
MAXIMUM DAILY, 3 760 ON JUL 21
MINIMUM DAILY, 65.9B ON FEB 24
MAXIMUM INSTANTANEOUS,
3 960 AT 13:52 CST ON JUL 21

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 31 00 N
LONG 109 36 40 W
DRAINAGE AREA, 57 100 km²

B - ICE CONDITIONS

REGULATED SINCE 1962

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	290 000	JUL	2 220 000
FEB	212 000	AUG	877 000
MAR	386 000	SEP	615 000
APR	842 000	OCT	787 000
MAY	853 000	NOV	437 000
JUN	988 000	DEC	408 000

TOTAL DISCHARGE, 8 920 000 dam³

NOTUKEU CREEK ABOVE ADMIRAL RESERVOIR - STATION NO. 05JB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	1.78 B	0.018	0.001	0	0	0	0	0.005	0.006	---	1
2	---	0 B	1.34 B	0.006	0	0	0	0	0	0.006	0.006	---	2
3	---	0 B	1.58	0.003	0	0.001	0	0	0	0.023	0.007	---	3
4	---	0 B	1.45	0.002	0	0.001	0	0	0	0.020	0.018A	---	4
5	---	0 B	0.909	0.003	0.109	0.001	0	0	0	0.017	---	---	5
6	---	0 B	0.500	0.002	0.141	0.001	0	0	0	0.014	---	---	6
7	---	0 B	0.493	0.091	0.008	0.001	0	0	0	0.012	---	---	7
8	---	0 B	0.379	0.028	0.022	0	0	0	0	0.077	---	---	8
9	---	0 B	0.486	0.022	0.138	0	0	0	0	0.034	---	---	9
10	---	0 B	0.430	0.005	0.232	0	0	0	0	0.021	---	---	10
11	---	0 B	0.414	0.003	0.189	0	0	0	0	0.013	---	---	11
12	---	0 B	0.318	0.002	0.140	0	0	0.001	0	0.008	---	---	12
13	---	0 B	0.303	0.002	0.127	0	0	0.002	0	0.007	---	---	13
14	---	0 B	0.290	0.002	0.116	0	0	0.001	0	0.006	---	---	14
15	---	0 B	0.276	0.002	0.079	0	0	0	0	0.006	---	---	15
16	---	0 B	0.222	0.002	0.007	0	0	0	0	0.005	---	---	16
17	---	0 B	0.172	0.002	0.005	0	0	0	0	0.005	---	---	17
18	---	0 B	0.127	0.002	0.005	0	0	0	0	0.005	---	---	18
19	---	0 B	0.062	0.002	0.004	0	0	0	0	0.005	---	---	19
20	---	0 B	0.071	0.001	0.003	0	0	0	0	0.005	---	---	20
21	---	0 B	0.065	0.001	0.004	0	0	0	0.001	0.005	---	---	21
22	---	0 B	0.128	0.002	0.715	0	0	0	0.002	0.005	---	---	22
23	---	0 B	0.165	0.002	0.384	0	0	0	0.002	0.005	---	---	23
24	---	0.047B	0.138	0.001	0.202	0	0	0	0.001	0.005	---	---	24
25	---	5.90 B	0.104	0.001	0.006	0	0	0	0.313	0.005	---	---	25
26	---	10.6 B	0.008	0.001	0.002	0	0	0	0.544	0.005	---	---	26
27	---	12.0 B	0.004	0.001	0.002	0	0	0	0.284	0.006	---	---	27
28	---	5.05 B	0.003	0.002	0.001	0	0	0	0.146	0.006	---	---	28
29	---		0.003	0.001	0.001	0	0	0	0.006	0.005	---	---	29
30	---		0.006	0.001	0.001	0	0	0	0.003	0.005	---	---	30
31	---		0.031		0		0	0		0.007		---	31
TOTAL	---	33.797	12.285	0.215	2.805	0.005	0	0.004	1.282	0.354	---	---	TOTAL
MEAN	---	1.21	0.396	0.007	0.084	0	0	0	0.043	0.011	---	---	MEAN
MAX	---	12.0	1.78	0.091	0.715	0.001	0	0.002	0.544	0.077	---	---	MAX
MIN	---	0	0.003	0.001	0	0	0	0	0	0.005	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.185
MAXIMUM DAILY, 12.0B ON FEB 27
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
15.8B AT 20:17 CST ON FEB 26

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 32 N
LONG 108 07 31 W
DRAINAGE AREA, 453 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

REMARKS - SIGNIFICANT RUNOFF OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	2 920	AUG	0.35
MAR	1 080	SEP	111
APR	18.6	OCT	30.6
MAY	225	NOV	---
JUN	0.43	DEC	---

TOTAL DISCHARGE, 4 370 dam³

NOTUKEU CREEK NEAR VANGUARD - STATION NO. 05JB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	20.5 B	1.26	0.037	0.218	0.013	0.082	0	0.225	0.074	---	1
2	---	0 B	9.12 B	1.89	0.034	0.162	0.012	0.047	0	0.242	0.066	---	2
3	---	0 B	6.87 B	1.53	0.048	0.162	0.010	0.026	0.002	0.205	0.084	---	3
4	---	0 B	5.27 B	1.20	0.049	0.121	0.007	0.045	0.003	0.178	0.081	---	4
5	---	0 B	7.73 B	2.85	0.551	0.071	0.010	0.057	0.008	0.244	0.059Δ	---	5
6	---	0 B	15.8 B	4.10	1.33	0.082	0.009	0.076	0.009	0.284	---	---	6
7	---	0 B	7.17 B	2.40	1.21	0.013	0.007	0.052	0.011	0.237	---	---	7
8	---	0 B	6.48 B	1.65	0.839	0.011E	0.007	0.024	0.017	0.234	---	---	8
9	---	0 B	4.04 B	1.83	0.843	0.009E	0.009	0.018	0.038	0.214	---	---	9
10	---	0 B	2.99 B	1.55	0.576	0.007E	0.016	0.013	0.080	0.190	---	---	10
11	---	0 B	1.88 B	1.69	1.43	1.10	0.022	0.010	0.056	0.180	---	---	11
12	---	0 B	1.23 B	1.24	1.30	1.48	0.029	0.010	0.041	0.175	---	---	12
13	---	0 B	0.931B	1.37	1.11	1.23	0.029	0.004	0.034	0.177	---	---	13
14	---	0 B	1.10 B	1.83	1.10	0.976	0.027	0.001	0.034	0.190	---	---	14
15	---	0 B	2.18 B	0.980	0.934	0.807	0.023	0	0.035	0.199	---	---	15
16	---	0 B	1.55 B	0.808	0.834	0.678	0.016	0	0.032	0.202	---	---	16
17	---	0 B	1.57 B	0.543	0.788	0.519	0.015	0	0.021	0.198	---	---	17
18	---	0 B	1.38	0.384	0.742	0.418	0.014	0	0.017	0.191	---	---	18
19	---	0 B	1.31	0.142	0.726	0.422	0.235	0	0.021	0.184	---	---	19
20	---	0 B	3.20	0.010	0.649	0.345	0.920	0	0.043	0.177	---	---	20
21	---	0 B	3.37	0.009E	0.556	0.291	0.685	0	0.071	0.171	---	---	21
22	---	0 B	2.81	0.007E	0.603	0.230	0.321	0	0.049	0.166	---	---	22
23	---	0 B	4.83	0.007	0.957	0.175	0.156	0	0.044	0.145	---	---	23
24	---	0 B	2.65	0.044	0.845	0.084	0.117	0	0.035	0.137	---	---	24
25	---	0 B	3.87	0.109	0.833	0.031	0.088	0	0.042	0.129	---	---	25
26	---	0.476B	4.08	0.131	0.693	0.019	0.067	0	0.085	0.128	---	---	26
27	---	10.4 B	3.83	0.097	0.552	0.014	0.108	0.001	0.093	0.119	---	---	27
28	---	25.4 B	7.51	0.097	0.430	0.011	0.102	0.002	0.120	0.115	---	---	28
29	---		3.33	0.078	0.335	0.009	0.048	0.001	0.224	0.102	---	---	29
30	---		0.948	0.053	0.287	0.015	0.025	0	0.221	0.092	---	---	30
31	---		0.787		0.249		0.064	0		0.085		---	31
TOTAL	---	36.276	141.246	29.799	21.881	9.692	3.173	0.489	1.446	5.495	---	---	TOTAL
MEAN	---	1.30	4.56	0.993	0.706	0.323	0.102	0.015	0.048	0.177	---	---	MEAN
MAX	---	25.4	20.5	4.10	1.43	1.48	0.920	0.082	0.224	0.284	---	---	MAX
MIN	---	0	0.787	0.007	0.034	0.007	0.007	0	0	0.085	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.914
MAXIMUM DAILY, 25.48 ON FEB 28
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
28.0B AT 15:17 CST ON FEB 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 55 03 N
LONG 107 11 08 W
DRAINAGE AREA, 3 530 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	274
FEB	3 130	AUG	40.5
MAR	12 200	SEP	125
APR	2 570	OCT	475
MAY	1 890	NOV	---
JUN	837	DEC	---

TOTAL DISCHARGE, 21 500 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

OPUNTIA LAKE WEST INFLOW - STATION NO. 05GC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.072	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.026	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.022	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.010	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.008	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.008	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.002	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.001	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.001	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.001	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.001	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.001	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0.001B	0	0	0	0	0	0	0	---	---	20
21	---	---	0.023B	0	0	0	0	0	0	0	---	---	21
22	---	---	0.019B	0	0.186	0	0	0	0	0	---	---	22
23	---	---	0.004B	0	0.102	0	0	0	0	0	---	---	23
24	---	---	0.007B	0	0.011	0	0	0	0	0	---	---	24
25	---	---	0.005B	0	0.009	0	0	0	0	0	---	---	25
26	---	---	0.152B	0	0.008	0	0	0	0	0	---	---	26
27	---	---	0.063B	0	0.003	0	0	0	0	0	---	---	27
28	---	---	0.471B	0	0.001	0	0	0	0	0	---	---	28
29	---		0.784	0	0	0	0	0	0	0.003B	---	---	29
30	---		0.839	0	0	0	0	0	0	0.005B	---	---	30
31	---		0.218		0		0	0		0.004B		---	31
TOTAL	---	---	2.586	0.151	0.320	0	0	0	0	0.012	---	---	TOTAL
MEAN	---	---	0.083	0.005	0.010	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.839	0.072	0.186	0	0	0	0	0.005	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.013
MAXIMUM DAILY, 0.839 ON MAR 30
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.82 AT 04:02 CST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 47 15 N
LONG 108 37 30 W
DRAINAGE AREA, 94.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	223	SEP	0
APR	13.0	OCT	1.04
MAY	27.8	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 265 dam³

OSCAR CREEK NEAR KRYDOR - STATION NO. 05GD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0188	0.492B	0.110	0.022	0.001	0.059	0.001	0.028	0.0388	---	1
2	---	---	0.0168	0.448B	0.083	0.025	0.001	0.035	0.001	0.029	0.0488	---	2
3	---	---	0.0158	0.223B	0.059	0.018	0.001	0.017	0.001	0.021	0.0478	---	3
4	---	---	0.0148	0.202B	0.097	0.025	0.001	0.007	0.001	0.017	---	---	4
5	---	---	0.0118	0.292B	0.090	0.030	0.001	0.006	0.001	0.016	---	---	5
6	---	---	0.0028	0.333B	0.141	0.026	0.001	0.006	0.001	0.032	---	---	6
7	---	---	0.0078	0.307B	0.078	0.009	0.001	0.006	0.001	0.031	---	---	7
8	---	---	0.0018	0.240B	0.043	0.007	0.001	0.006A	0.001	0.031	---	---	8
9	---	---	0.0018	0.233B	0.087	0.015	0.001	0.006	0.001	0.029	---	---	9
10	---	---	0.0108	0.471B	0.238	0.012	0.001	0.006	0.001	0.028	---	---	10
11	---	---	0.0168	0.355B	0.289	0.010	0.002	0.006	0.001	0.030	---	---	11
12	---	---	0.0088	0.082B	0.454	0.008	0.010	0.005	0.001	0.029	---	---	12
13	---	---	0.0218	0.060B	0.342	0.006	0.174	0.005	0.001	0.028	---	---	13
14	---	---	0.0158	0.053B	0.269	0.005	0.233	0.005	0.001	0.036	---	---	14
15	---	---	0.0208	0.056B	0.303	0.005	0.111	0.004	0.001	0.038	---	---	15
16	---	---	0.0138	0.213	0.283	0.004	0.074	0.004	0.001	0.036	---	---	16
17	---	---	0.0108	0.374	0.206	0.004	0.115	0.004	0.001	0.031	---	---	17
18	---	---	0.0048	0.476	0.120	0.003	0.215	0.003	0.001	0.034	---	---	18
19	---	---	0.0078	0.396	0.084	0.003	0.134	0.003	0.001	0.048	---	---	19
20	---	---	0.0498	0.332	0.073	0.002	0.082	0.002	0.001	0.052	---	---	20
21	---	---	0.0638	0.355	0.072	0.002	0.089	0.002	0.003	0.053	---	---	21
22	---	---	0.1198	0.389	0.070	0.002	0.048	0.002	0.006	0.052	---	---	22
23	---	---	0.1348	0.525	0.135	0.001	0.033	0.001	0.040	0.059	---	---	23
24	---	---	0.1228	0.450	0.131	0.001	0.035	0.001	0.035	0.024	---	---	24
25	---	---	0.0828	0.343	0.104	0.001	0.029	0.001	0.033	0.038	---	---	25
26	---	---	0.0898	0.293	0.072	0.001	0.021	0.001	0.054	0.036	---	---	26
27	---	---	0.1368	0.221	0.053	0.001	0.041	0.001	0.068	0.0348	---	---	27
28	---	---	0.4178	0.199	0.064	0.001	0.063	0.001	0.048	0.0308	---	---	28
29	---		0.4618	0.154	0.042	0.001	0.056	0.001	0.045	0.0348	---	---	29
30	---		0.5198	0.144	0.048	0.001	0.108	0.001	0.078	0.0358	---	---	30
31	---		0.5988		0.034		0.102	0.001		0.0358		---	31
TOTAL	---	---	2.899	8.723	4.302	0.251	1.765	0.208	0.436	1.055	---	---	TOTAL
MEAN	---	---	0.097	0.291	0.139	0.008	0.057	0.007	0.015	0.034	---	---	MEAN
MAX	---	---	0.598	0.525	0.454	0.030	0.233	0.059	0.078	0.059	---	---	MAX
MIN	---	---	0.001	0.053	0.034	0.001	0.001	0.001	0.001	0.016	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.081
MAXIMUM DAILY, 0.598B ON MAR 31
MINIMUM DAILY, 0.001B ON MAR 8
MAXIMUM INSTANTANEOUS,
1.51B AT 06 17 CST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 46 27 N
LONG 107 07 41 W
DRAINAGE AREA, 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	152
FEB	---	AUG	18.0
MAR	259	SEP	37.7
APR	754	OCT	91.2
MAY	372	NOV	---
JUN	21.7	DEC	---

TOTAL DISCHARGE, 1 710 dam³

OTHERSIDE RIVER AT OUTLET OF MERCREDI LAKE - STATION NO. 07LE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.9	14.0	13.8	14.6	27.9	26.8	18.9	22.4	19.1	16.3	17.3	13.5	1
2	12.9	14.2	13.8	14.5	28.2	25.7	18.6	22.0	18.8	16.4	17.2	13.5	2
3	12.8	14.4	13.9	14.5	30.1	25.6	18.5	21.8	18.8	16.5	16.9	13.4	3
4	12.8	14.6	14.0	14.3	30.7	25.3	20.4	21.4	18.8	16.4	16.8	13.5	4
5	12.6	14.6	14.0	14.4	31.2	25.2	20.4	20.9	18.6	16.7	16.9	13.4	5
6	12.8	14.5	13.9	14.6	31.6	23.9	20.8	20.6	18.4	16.7	16.8	13.3	6
7	12.9	14.3	13.8	15.0	32.2	24.1	21.7	20.1	18.6	16.3	16.7	13.1	7
8	13.1	14.1	13.7	15.5	32.6	23.8	22.8	20.5	18.8	16.7	16.5	13.0	8
9	13.1	14.0	13.8	15.8	32.8	23.8	23.6	20.2	18.7	16.7	16.3	13.1	9
10	13.2	13.8	13.3	16.0	33.2	22.9	24.2	20.1	18.6	17.1	16.0	13.0	10
11	13.4	13.7	13.3	16.1	34.1	22.5	24.7	19.8	18.1	17.8	15.4	12.7	11
12	13.4	13.5	13.3	16.1	35.0	21.8	24.9	19.8	17.8	17.8	15.3	12.7	12
13	13.4	13.3	13.1	16.1	35.6	21.2	25.2	19.4	17.6	18.0	15.0	12.7	13
14	13.5	13.3	12.9	16.1	35.8	21.1	25.5	19.1	17.6	18.0	14.7	12.8	14
15	13.6	13.4	12.9	16.0	35.9	21.4	25.7	18.9	17.6	17.9	14.4	12.8	15
16	13.7	13.5	12.9	16.0	35.8	21.3	25.4	18.4	17.4	17.9	14.0	12.9	16
17	13.7	13.6	13.0	16.0	35.7	21.2	25.3	18.5	17.2	18.0	14.0	13.1	17
18	13.7	13.6	13.0	16.1	35.4	21.2	25.2	18.5	17.1	18.0	13.8	13.3	18
19	13.7	13.6	13.0	16.3	35.0	21.2	25.1	18.7	16.9	18.0	13.4	13.4	19
20	13.8	13.6	13.0	16.4	34.6	20.1	24.2	18.5	17.0	18.0	13.3	13.5	20
21	13.7	13.7	12.8	16.5	34.0	20.2	24.2	18.9	16.9	18.0	13.3	13.4	21
22	13.5	13.8	12.8	16.8	33.6	20.2	24.6	19.0	16.8	18.0	13.3	13.4	22
23	13.4	13.9	12.7	17.2	32.8	19.6	24.7	19.3	16.7	18.1	13.3	13.3	23
24	13.4	14.1	12.8	17.6	32.0	19.7	24.6	19.1	17.0	18.1	13.3	13.4	24
25	13.5	14.1	12.9	18.3	31.4	19.4	24.7	19.5	17.2	18.2	13.4	13.5	25
26	13.5	14.0	13.0	19.1	31.0	19.0	24.7	19.7	16.9	18.3	13.4	13.8	26
27	13.5	13.8	13.1	20.5	30.4	18.9	24.5	19.7	16.4	18.2	13.4	13.8	27
28	13.6	13.9	13.3	22.1	29.6	19.0	24.3	19.6	16.4	17.6	13.3	13.8	28
29	13.7		13.6	23.8	29.2	19.0	23.8	19.6	16.4	17.3	13.3	13.8	29
30	13.8		14.0	26.0	28.1	19.1	23.0	18.6	16.3	17.4	13.4	13.8	30
31	13.9		14.4		27.2		22.6	18.8		17.2		13.8	31
TOTAL	414.5	388.6	413.7	506.3	1 003.5	664.4	726.8	611.1	526.5	541.2	444.1	412.5	TOTAL
MEAN	13.4	13.9	13.3	16.9	32.4	21.8	23.4	19.7	17.6	17.5	14.8	13.3	MEAN
MAX	13.9	14.6	14.4	26.0	35.9	26.8	25.7	22.4	19.1	18.3	17.3	13.8	MAX
MIN	12.6	13.3	12.7	14.3	27.2	18.9	18.5	18.4	16.3	16.3	13.3	12.7	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.2
MAXIMUM DAILY, 35.9 ON MAY 15
MINIMUM DAILY, 12.6 ON JAN 5
MAXIMUM INSTANTANEOUS,
36.1 AT 17:30 CST ON MAY 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 55 40 N
LONG 107 29 20 W
DRAINAGE AREA, 2 700 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	35 600	JUL	62 800
FEB	33 600	AUG	62 800
MAR	36 700	SEP	45 700
APR	43 900	OCT	46 800
MAY	86 700	NOV	38 400
JUN	56 500	DEC	35 800

TOTAL DISCHARGE, 574 000 dam³

OVERFLOWING RIVER NEAR HUDSON BAY - STATION NO. 05LD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0458	0.2188	2.74	2.24	0.583	0.488	0.047	0.871	0.303	---	1
2	---	---	0.0458	0.2808	2.83	2.18	0.508	0.540	0.037	0.863	0.266	---	2
3	---	---	0.0488	0.3908	2.94	2.01	0.467	0.613	0.045	0.876	0.212	---	3
4	---	---	0.0488	0.5208	3.30	1.82	0.428	0.625	0.049	0.876	0.188	---	4
5	---	---	0.0458	0.7008	4.00	1.72	0.471	0.533	0.048	0.867	0.308	---	5
6	---	---	0.0468	1.00 B	4.30	1.73	0.748	0.676	0.043	0.835	0.443A	---	6
7	---	---	0.0458	1.40 B	4.32	1.71	0.902	0.752	0.069	0.878	---	---	7
8	---	---	0.0488	1.80 B	4.60	1.76	0.881	0.674	0.079	0.812	---	---	8
9	---	---	0.0458	2.40 B	4.78	1.70	0.614	0.641	0.128	0.732	---	---	9
10	---	---	0.0488	2.75 B	5.38	1.68	0.548	0.602	0.108	0.717	---	---	10
11	---	---	0.0468	2.51 B	5.79	1.67	0.552	0.568	0.087	0.671	---	---	11
12	---	---	0.0488	2.47 B	6.39	1.77	0.569	0.516	0.113	0.637	---	---	12
13	---	---	0.0478	3.20 B	6.34	1.84	0.569	0.449	0.108	0.614	---	---	13
14	---	---	0.0478	2.46 B	6.61	1.94	0.601	0.386	0.106	0.602	---	---	14
15	---	---	0.0478	1.87 B	7.12	1.85	0.571	0.307	0.107	0.589	---	---	15
16	---	---	0.0478	0.9908	7.32	1.66	0.570	0.321	0.095	0.587	---	---	16
17	---	---	0.0478	0.8598	7.48	1.52	0.544	0.278	0.136	0.569	---	---	17
18	---	---	0.0488	0.8518	7.42	1.43	0.595	0.294	0.126	0.544	---	---	18
19	---	---	0.0488	1.47 B	7.12	1.36	0.569	0.265	0.131	0.526	---	---	19
20	---	---	0.0488	2.01 B	6.48	1.28	0.555	0.239	0.137	0.483	---	---	20
21	---	---	0.0498	2.05 B	5.94	1.21	0.524	0.191	0.162	0.478	---	---	21
22	---	---	0.0498	1.95 B	5.33	1.13	0.447	0.172	0.304	0.446	---	---	22
23	---	---	0.0508	2.83 B	4.72	1.07	0.376	0.135	0.279	0.433	---	---	23
24	---	---	0.0518	3.36	4.26	1.03	0.385	0.108	0.171	0.427	---	---	24
25	---	---	0.0538	4.08	3.95	0.978	0.302	0.123	0.193	0.422	---	---	25
26	---	---	0.0558	3.59	3.61	0.872	0.278	0.121	0.362	0.396	---	---	26
27	---	---	0.0648	3.41	3.22	0.881	0.250	0.108	0.505	0.385	---	---	27
28	---	---	0.0758	3.06	2.93	0.840	0.262	0.085	0.651	0.367	---	---	28
29	---		0.0928	2.57	2.66	0.782	0.275	0.076	0.835	0.347	---	---	29
30	---		0.1228	2.46	2.47	0.700	0.323	0.071	0.876	0.334	---	---	30
31	---		0.1588		2.33		0.449	0.065		0.314	---	---	31
TOTAL	---	---	1.747	59.686	148.58	44.331	15.485	11.116	5.139	18.489	---	---	TOTAL
MEAN	---	---	0.056	1.99	4.79	1.48	0.500	0.359	0.205	0.597	---	---	MEAN
MAX	---	---	0.158	4.08	7.48	2.24	0.902	0.752	0.876	0.878	---	---	MAX
MIN	---	---	0.045	0.218	2.33	0.700	0.250	0.065	0.037	0.314	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.25
MAXIMUM DAILY, 7.48 ON MAY 17
MINIMUM DAILY, 0.037 ON SEP 2
MAXIMUM INSTANTANEOUS,
7.55 AT 02 38 CST ON MAY 17

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 01 51 N
LONG 102 18 58 W
DRAINAGE AREA, 369 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 340
FEB	---	AUG	960
MAR	151	SEP	530
APR	5 180	OCT	1 600
MAY	12 800	NOV	---
JUN	3 830	DEC	---

TOTAL DISCHARGE, 26 400 dam³

PAGATO RIVER AT OUTLET OF PAGATO LAKE - STATION NO. 06EA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.66	1.65	1.70	1.46	2.49	10.6	9.13	11.0	5.97	3.87	2.54	2.21	1
2	1.67	1.66	1.71	1.46	2.54	10.8	8.81	11.0	5.77	3.81	2.56	2.23	2
3	1.68	1.67	1.71	1.42	2.71	11.0	8.77	11.0	5.71	3.87	2.59	2.148	3
4	1.68	1.68	1.65	1.40	2.83	10.9	8.72	10.9	5.81	3.70	2.61	2.10	4
5	1.67	1.68	1.65	1.41	2.88	10.8	8.88	10.9	5.46	3.65	2.60	2.08	5
6	1.66	1.67	1.608	1.41	3.11	11.0	9.38	10.9	5.30	3.64	2.57	2.09	6
7	1.69	1.65	1.66	1.45	3.25	11.2	9.33	10.8	5.29	3.64	2.57	2.06	7
8	1.70	1.60	1.55	1.46	3.45	11.0	9.30	10.7	5.08	3.54	2.56	2.13	8
9	1.71	1.56	1.54	1.58	3.63	11.2	9.30	10.4	5.04	3.40	2.52	2.15	9
10	1.78	1.55	1.56	1.71	3.98	11.0	9.17	10.1	5.09	3.53	2.48	2.14	10
11	1.79	1.55	1.54	1.76	4.22	11.2	9.12	9.92	5.09	3.31	2.44	2.15	11
12	1.79	1.62	1.58	1.69	4.66	11.3	9.12	9.79	4.93	3.26	2.44	2.14	12
13	1.78	1.53	1.58	1.67	4.98	11.0	9.00	9.70	4.81	3.27	2.40	2.13	13
14	1.78	1.52	1.58	1.67	5.42	10.9	8.91	9.54	4.77	3.16	2.36	2.16	14
15	1.75	1.50	1.58	1.84	6.09	10.8	8.91	9.35	4.65	3.14	2.33	2.18	15
16	1.75	1.49	1.57	1.83	6.80	10.7	9.07	9.20	4.55	3.09	2.30	2.17	16
17	1.76	1.50	1.58	1.85	7.26	10.7	9.03	8.80	4.59	3.06	2.27	2.17	17
18	1.71	1.52	1.54	1.87	7.72	10.6	9.24	8.75	4.49	3.05	2.22	2.15	18
19	1.71	1.54	1.50	1.75	8.24	10.5	9.29	8.56	4.37	3.00	2.21	2.16	19
20	1.71	1.56	1.51	1.78	8.86	10.4	9.20	8.27	4.31	2.98	2.17	2.14	20
21	1.66	1.59	1.51	1.78	8.96	10.3	9.20	8.01	4.22	2.99	2.21	2.13	21
22	1.67	1.57	1.518	1.85	9.27	10.2	9.13	7.82	4.19	2.92	2.24	2.12	22
23	1.63	1.57	1.488	1.90	9.47	10.0	9.58	7.64	4.14	2.88	2.20	2.10	23
24	1.63	1.57	1.42	1.95	9.71	9.97	9.85	7.58	4.09	2.86	2.25	2.11	24
25	1.63	1.56	1.41	2.01	9.83	9.80	10.0	7.30	4.09	2.84	2.28	2.07	25
26	1.60	1.64	1.43	2.08	10.0	9.73	10.4	7.04	3.91	2.82	2.27	2.05	26
27	1.64	1.70	1.45	2.18	10.1	9.61	10.5	6.84	3.88	2.83	2.27	2.05	27
28	1.65	1.72	1.48	2.29	10.2	9.43	10.6	6.71	3.93	2.89	2.24	2.05	28
29	1.65		1.48	2.41	10.4	9.28	10.7	6.57	3.94	2.77	2.19	2.04	29
30	1.65		1.48	2.49	10.4	9.11	10.6	6.44	3.90	2.79	2.20	2.02	30
31	1.64		1.48		10.5		10.9	6.29		2.44		2.01	31
TOTAL	52.44	44.51	47.82	52.81	203.78	315.27	283.32	277.92	141.38	88.80	71.09	65.64	TOTAL
MEAN	1.69	1.59	1.54	1.75	6.57	10.5	9.46	8.87	4.71	3.19	2.37	2.12	MEAN
MAX	1.79	1.72	1.71	2.49	10.5	11.3	10.8	11.0	5.97	3.87	2.61	2.23	MAX
MIN	1.60	1.49	1.41	1.40	2.49	9.11	8.72	6.29	3.88	2.44	2.17	2.01	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.55
MAXIMUM DAILY, 11.3 ON JUN 12
MINIMUM DAILY, 1.40 ON APR 4
MAXIMUM INSTANTANEOUS,
11.6 AT 03:13 CST ON JUN 12

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 05 40 N
LONG 102 30 30 W
DRAINAGE AREA, 981 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 530	JUL	25 300
FEB	3 850	AUG	24 000
MAR	4 130	SEP	12 200
APR	4 550	OCT	8 540
MAY	17 600	NOV	5 140
JUN	27 200	DEC	5 670

TOTAL DISCHARGE, 144 000 dam³

PAGE CREEK NEAR IFFLEY - STATION NO. 05EG008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.33 B	0.346	0.084	0.001	0.574	0.023	0	08	---	1
2	---	---	0 B	1.71 B	0.341	0.084	0.001	0.594	0.020	0	08	---	2
3	---	---	0 B	1.96 B	0.341	0.087	0.006	0.513	0.018	0	08	---	3
4	---	---	0 B	2.16 B	0.330	0.052	0.007	0.372	0.014	0	08	---	4
5	---	---	0 B	2.47 B	0.326	0.046	0.044	0.266	0.009	0	---	---	5
6	---	---	0 B	2.72 B	0.338	0.040	0.014	0.230	0.008	0	---	---	6
7	---	---	0 B	3.18 B	0.524	0.040	0.011	0.232	0.004	0	---	---	7
8	---	---	0 B	4.78	0.136	0.030	0.013	0.188	0.002	0	---	---	8
9	---	---	0 B	4.42	0.073	0.030	0.008	0.231	0	0	---	---	9
10	---	---	0 B	3.41	0.211	0.008	0.008	0.186	0	0	---	---	10
11	---	---	0 B	2.88	0.104	0.002	0.014	0.125	0	0	---	---	11
12	---	---	0 B	2.18	0.039	0.001	0.023	0.140	0	0	---	---	12
13	---	---	0 B	1.82	0.035	0.001	0.079	0.148	0	0	---	---	13
14	---	---	0 B	1.71	0.149	0.001	0.134	0.131	0	0	---	---	14
15	---	---	0 B	1.56	0.060	0.001	0.137	0.128	0	0	---	---	15
16	---	---	0 B	1.32	0.027	0.003	0.130	0.120	0	0	---	---	16
17	---	---	0 B	1.11	0.022	0.003	0.200	0.115	0	0	---	---	17
18	---	---	0 B	0.864	0.010	0.001	0.250	0.089	0	0	---	---	18
19	---	---	0 B	0.737	0.014	0.033	0.323	0.103	0	0	---	---	19
20	---	---	0 B	0.557	0.015	0.166	0.331	0.106	0	0	---	---	20
21	---	---	0 B	0.411	0.084	0.298	0.412	0.108	0	0	---	---	21
22	---	---	0 B	0.305	0.083	0.130	0.409	0.114	0	0	---	---	22
23	---	---	0 B	0.345	0.147	0.445	0.378	0.123	0	0	---	---	23
24	---	---	0 B	0.387	0.342	0.150	0.385	0.503	0	0	---	---	24
25	---	---	0 B	0.368	0.484	0.075	0.477	0.112	0	0	---	---	25
26	---	---	0 B	0.335	0.340	0.053	0.384	0.080	0	0	---	---	26
27	---	---	0 B	0.469	0.250	0.039	0.338	0.037	0	0	---	---	27
28	---	---	0 B	0.402	0.169	0.012	0.362	0.038	0	0	---	---	28
29	---		0.0238	0.340	0.130	0.001	0.372	0.035	0	08	---	---	29
30	---		0.2808	0.331	0.106	0.001	0.531	0.034	0	08	---	---	30
31	---		0.9668		0.088		0.690	0.028		08		---	31
TOTAL	---	---	1.289	46.711	5.545	1.887	6.471	5.782	0.088	0	---	---	TOTAL
MEAN	---	---	0.041	1.55	0.182	0.063	0.209	0.187	0.003	0	---	---	MEAN
MAX	---	---	0.966	4.78	0.524	0.445	0.690	0.594	0.023	0	---	---	MAX
MIN	---	---	0	0.305	0.010	0.001	0.001	0.028	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.277
MAXIMUM DAILY, 4.78 ON APR 8
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
5.86 AT 14:36 CST ON APR 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 56 26 N
LONG 108 05 17 W
DRAINAGE AREA, 921 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	559
FEB	---	AUG	500
MAR	110	SEP	8 47
APR	4 040	OCT	0
MAY	488	NOV	---
JUN	163	DEC	---

TOTAL DISCHARGE, 5 870 dam³

PASQUIA RIVER AT HIGHWAY NO. 9 - STATION NO. 05KJ014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0108	0.1808	1.43 B	0.764	0.161	0.732	0.071	1.73	0.3078	---	1
2	---	---	0.0128	0.2168	1.50 B	0.731	0.144	0.733	0.067	1.50	0.2858	---	2
3	---	---	0.0128	0.2708	1.63 B	0.661	0.122	0.723	0.067	1.27	0.2838	---	3
4	---	---	0.0108	0.3308	1.73 E	0.620	0.104	0.667	0.062	1.13	0.3078	---	4
5	---	---	0.0088	0.4008	1.82 E	0.587	0.151	0.610	0.060	1.05	0.3548	---	5
6	---	---	0.0068	0.4908	1.94 E	0.577	0.288	0.600	0.058	0.976	0.3988	---	6
7	---	---	0.0068	0.5808	2.02 E	0.561	0.376	0.579	0.054	0.987	---	---	7
8	---	---	0.0068	0.6708	2.12 E	0.486	0.381	0.549	0.052	0.930	---	---	8
9	---	---	0.0068	0.7408	2.21 E	0.485	0.351	0.549	0.051	0.854	---	---	9
10	---	---	0.0068	0.5808	2.30 E	0.516	0.310	0.528	0.058	0.790	---	---	10
11	---	---	0.0068	0.4008	2.40 E	0.505	0.292	0.483	0.057	0.757	---	---	11
12	---	---	0.0068	0.2208	2.50 E	0.509	0.328	0.431	0.089	0.695	---	---	12
13	---	---	0.0068	0.1008	2.50 E	0.529	0.342	0.358	0.088	0.665	---	---	13
14	---	---	0.0068	0.0608	2.58 E	0.616	0.312	0.309	0.084	0.655	---	---	14
15	---	---	0.0068	0.0408	2.70 E	0.544	0.282	0.288	0.085	0.637	---	---	15
16	---	---	0.0068	0.0678	2.62 E	0.474	0.344	0.270	0.088	0.611	---	---	16
17	---	---	0.0068	0.2008	2.46 E	0.414	0.516	0.268	0.087	0.580	---	---	17
18	---	---	0.0068	0.3508	2.28 E	0.772	0.548	0.265	0.072	0.560	---	---	18
19	---	---	0.0068	0.5108	2.10 E	0.851	0.577	0.241	0.073	0.532	---	---	19
20	---	---	0.0068	0.6808	1.98 E	0.775	0.508	0.203	0.074	0.513	---	---	20
21	---	---	0.0068	0.8608	1.90 A	0.645	0.447	0.181	0.094	0.483	---	---	21
22	---	---	0.0068	1.05 B	1.80	0.546	0.401	0.168	0.126	0.483	---	---	22
23	---	---	0.0068	1.28 B	1.41	0.505	0.342	0.149	0.143	0.417	---	---	23
24	---	---	0.0068	1.56 B	1.31	0.458	0.395	0.125	0.135	0.404	---	---	24
25	---	---	0.0068	1.90 B	1.24	0.415	0.414	0.123	0.133	0.380	---	---	25
26	---	---	0.0068	1.70 B	1.13	0.381	0.371	0.121	1.29	0.367	---	---	26
27	---	---	0.0188	1.55 B	1.06	0.300	0.328	0.115	4.46	0.362	---	---	27
28	---	---	0.0328	1.48 B	0.845	0.255	0.320	0.107	2.98	0.360	---	---	28
29	---		0.0588	1.43 B	0.888	0.228	0.360	0.090	2.80	0.344	---	---	29
30	---		0.0888	1.41 B	0.822	0.192	0.887	0.084	2.07	0.270	---	---	30
31	---		0.1208		0.785		0.733	0.081		0.313		---	31
TOTAL	---	---	0.492	21.283	58.100	16.083	11.234	10.712	15.238	21.588	---	---	TOTAL
MEAN	---	---	0.016	0.709	1.81	0.535	0.362	0.346	0.508	0.696	---	---	MEAN
MAX	---	---	0.120	1.90	2.70	0.851	0.733	0.733	4.46	1.73	---	---	MAX
MIN	---	---	0.006	0.040	0.785	0.192	0.104	0.081	0.067	0.270	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.623
MAXIMUM DAILY, 4.46 ON SEP 27
MINIMUM DAILY, 0.0068 ON MAR 6
MAXIMUM INSTANTANEOUS,
4.88 AT 08:22 CST ON SEP 27

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 20 N
LONG 102 08 15 W
DRAINAGE AREA, 74.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	971
FEB	---	AUG	926
MAR	42.6	SEP	1 320
APR	1 840	OCT	1 870
MAY	4 850	NOV	---
JUN	1 390	DEC	---

TOTAL DISCHARGE, 13 200 dam³

PELICAN LAKE AT PELICAN NARROWS - STATION NO. 05KG009

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	314.024	313.997	---	---	---	2
3	---	---	---	---	---	---	---	314.028	313.991	---	---	---	3
4	---	---	---	---	---	313.720	---	314.032	313.985	---	---	---	4
5	---	---	---	---	---	313.723	313.870	---	---	---	---	---	5
6	---	---	---	---	---	313.724	---	314.050	---	---	---	---	6
7	---	---	---	---	---	313.727	313.883	314.053	---	---	---	---	7
8	---	---	---	---	---	313.730	313.884	314.056	313.952	---	---	---	8
9	---	---	---	---	---	313.730	313.904	314.060	---	---	---	---	9
10	---	---	---	---	---	---	313.925	314.066	313.950	---	---	---	10
11	---	---	---	---	---	---	313.935	---	---	---	---	---	11
12	---	---	---	---	---	---	---	314.072	313.952	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	314.073	---	---	---	---	14
15	---	---	---	---	---	---	---	314.076	---	---	---	---	15
16	---	---	---	---	---	---	313.912	314.078	313.920	---	---	---	16
17	---	---	---	---	---	---	313.929	314.074	313.918	---	---	---	17
18	---	---	---	---	---	---	313.933	314.067	313.923	---	---	---	18
19	---	---	---	---	---	---	313.933	314.063	313.912	---	---	---	19
20	---	---	---	---	---	---	313.935	314.053	313.923	---	---	---	20
21	---	---	---	---	---	---	313.935	314.051	---	---	---	---	21
22	---	---	---	---	---	---	313.935	314.049	313.904	---	---	---	22
23	---	---	---	---	313.668	---	---	---	313.902	---	---	---	23
24	---	---	---	---	313.668	313.858	313.861	---	313.896	---	---	---	24
25	---	---	---	---	313.670	313.860	313.877	---	313.904	---	---	---	25
26	---	---	---	---	313.672	---	313.882	314.025	---	---	---	---	26
27	---	---	---	---	313.673	---	313.972	314.021	---	---	---	---	27
28	---	---	---	---	313.675	---	313.982	314.019	---	---	---	---	28
29	---		---	---	313.711	---	313.986	314.019	313.878	---	---	---	29
30	---		---	---	---	---	314.000	314.015	313.880	---	---	---	30
31	---		---		---		314.000	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1986

MAXIMUM DAILY, 314.078 ON AUG 16

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 09 57 N
LONG 102 56 28 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

PHEASANT CREEK NEAR ARBORGATHY - STATION NO. 05JL005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.744	0.008	0.002	0	0	0	0	---	---	1
2	---	---	0.0188	0.566	0.008	0.002	0	0	0	0	---	---	2
3	---	---	0.1028	0.411	0.010	0.002	0	0	0	0	---	---	3
4	---	---	0.2378	0.324	0.009	0.002	0	0	0	0	---	---	4
5	---	---	0.0778	0.265	0.068	0.002	0.002A	0	0	0	---	---	5
6	---	---	0.0488	0.278	0.345	0.002	0	0	0	0	---	---	6
7	---	---	0.0238	0.335	0.270	0.002	0	0	0	0	---	---	7
8	---	---	0.0198	0.280	0.235	0.002	0	0	0	0	---	---	8
9	---	---	0.0168	0.185	0.263	0.003	0	0	0	0	---	---	9
10	---	---	0.0098	0.126	0.299	0.003	0	0	0	0	---	---	10
11	---	---	0.0058	0.120	0.255	0.003	0	0	0	B	---	---	11
12	---	---	0.0058	0.097	0.219	0.002	0	0	0	0	---	---	12
13	---	---	0.0058	0.083	0.197	0.002	0	0	0	0	---	---	13
14	---	---	0.0348	0.078	0.167	0.002	0	0	0	0	---	---	14
15	---	---	1.03 B	0.067	0.156	0.002	0	0	0	0	---	---	15
16	---	---	2.53 B	0.056	0.108	0.003	0	0	0	0	---	---	16
17	---	---	3.03 B	0.051	0.084	0.002	0	0	0	0	---	---	17
18	---	---	1.91 B	0.034	0.062	0.002	0	0	0	0	---	---	18
19	---	---	1.64 B	0.027	0.040	0.002	0	0	0	0	---	---	19
20	---	---	1.27 B	0.024	0.037	0.002	0	0	0	0	---	---	20
21	---	---	1.27 B	0.023	0.028	0.002	0	0	0	0	---	---	21
22	---	---	1.57 B	0.022	0.024	0.001	0	0	0	0	---	---	22
23	---	---	1.45 B	0.021	0.021	0.001	0	0	0	0	---	---	23
24	---	---	1.02 B	0.021	0.018	0.001	0	0	0	0	---	---	24
25	---	---	0.8898	0.018	0.015	0.001	0	0	B	0	---	---	25
26	---	---	0.6848	0.018	0.011	0.001	0	0	0	0	---	---	26
27	---	---	0.506	0.015	0.008	0.001	0	0	0	0	---	---	27
28	---	---	0.515	0.013	0.008	0.001	0	0	0	0	---	---	28
29	---		0.512	0.012	0.006	0	0	0	0	0	---	---	29
30	---		0.704	0.009	0.003	0.001	0	0	0	0	---	---	30
31	---		0.671		0.002		0	0		0		---	31
TOTAL	---	---	21.797	4.323	2.984	0.054	0.002	0	0	0	---	---	TOTAL
MEAN	---	---	0.703	0.144	0.096	0.002	0	0	0	0	---	---	MEAN
MAX	---	---	3.03	0.744	0.345	0.003	0.002	0	0	0	---	---	MAX
MIN	---	---	0	0.009	0.002	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.119
MAXIMUM DAILY, 3.038 ON MAR 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
3.078 AT 14:24 CST ON MAR 17

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 00 N
LONG 103 19 41 W
DRAINAGE AREA, 1 150 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0.17
FEB	---	AUG	0
MAR	1 880	SEP	0
APR	374	OCT	0
MAY	258	NOV	---
JUN	4.67	DEC	---

TOTAL DISCHARGE, 2 520 dam³

PIKE LAKE NEAR SASKATOON - STATION NO. 05HG003

DAILY WATER LEVEL IN METRES FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	481.781	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---		---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 53 20 N
LONG 106 48 20 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

PINTO CREEK NEAR WOODROW - STATION NO. 05JA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.15 B	0.252	0.022	0.078	0.004	0	0	0	0	---	1
2	---	0 B	25.2 B	0.236	0.019	0.063	0.003	0	0	0	0	---	2
3	---	0 B	37.3 B	0.232	0.019	0.057	0.003	0	0	0	0	---	3
4	---	0 B	35.2 B	0.214	0.018	0.045	0.003	0	0	0	0	---	4
5	---	0 B	24.9 B	0.201	0.048	0.034	0.003	0	0	0	---	---	5
6	---	0 B	15.2 B	0.184	0.121	0.031	0.002	0	0	0	---	---	6
7	---	0 B	11.5 B	0.187	0.083	0.026	0.001	0	0	0	---	---	7
8	---	0 B	8.27	0.200	0.056	0.020	0.001	0	0	0	---	---	8
9	---	0 B	7.07	0.183	0.115	0.014	0.001	0	0	0	---	---	9
10	---	0 B	7.07	0.176	0.244	0.014	0.001	0	0	0	---	---	10
11	---	0 B	7.88	0.167	0.354	0.014	0.002	0	0	0	---	---	11
12	---	0 B	8.30	0.142	0.340	0.014	0.002	0	0	0	---	---	12
13	---	0 B	8.29	0.119	0.782	0.012	0.002	0	0	0	---	---	13
14	---	0 B	8.81	0.116	0.838	0.010	0.001	0	0	0	---	---	14
15	---	0 B	8.30	0.119	0.782	0.015	0.001	0	0	0	---	---	15
16	---	0 B	4.92	0.114	1.17	0.016	0	0	0	0	---	---	16
17	---	0 B	3.19	0.111	1.23	0.012	0	0	0	0	---	---	17
18	---	0 B	2.41	0.103	1.05	0.012	0	0	0	0	---	---	18
19	---	0 B	1.87	0.097	0.842	0.012	0	0	0	0	---	---	19
20	---	0 B	1.45	0.091	0.578	0.009	0	0	0	0	---	---	20
21	---	0 B	1.13	0.081	0.388	0.009	0	0	0	0	---	---	21
22	---	0 B	1.50	0.070	0.269	0.008	0	0	0	0	---	---	22
23	---	0 B	2.05	0.068	0.291	0.006	0	0	0	0	---	---	23
24	---	0 B	2.04	0.056	0.252	0.006	0	0	0	0	---	---	24
25	---	0 B	1.27	0.053	0.228	0.005	0	0	0	0	---	---	25
26	---	0.2488	0.598	0.046	0.200	0.003	0	0	0	0	---	---	26
27	---	0.1618	0.680	0.037	0.181	0.002	0	0	0	0	---	---	27
28	---	0.1208	0.416	0.037	0.134	0.002	0	0	0	0	---	---	28
29	---		0.323	0.032	0.117	0.002	0	0	0	0	---	---	29
30	---		0.284	0.026	0.108	0.004	0	0	0	0		---	30
31	---		0.257		0.087		0	0		0		---	31
TOTAL	---	0.529	248.618	3.776	10.881	0.555	0.038	0	0	0	---	---	TOTAL
MEAN	---	0.019	8.02	0.126	0.350	0.018	0.001	0	0	0	---	---	MEAN
MAX	---	0.248	37.3	0.252	1.23	0.078	0.004	0	0	0	---	---	MAX
MIN	---	0	0.257	0.026	0.016	0.002	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.988
MAXIMUM DAILY, 37.38 ON MAR 3
MINIMUM DAILY, 0.0 ON FEB 1
MAXIMUM INSTANTANEOUS,
39.88 AT 17:20 CST ON MAR 3

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 53 N
LONG 105 43 30 W
DRAINAGE AREA, 1 870 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2.89
FEB	45.9	AUG	0
MAR	21 500	SEP	0
APR	326	OCT	0
MAY	938	NOV	---
JUN	48.0	DEC	---

TOTAL DISCHARGE, 22 900 dam³

PIPESTONE CREEK ABOVE MOOSOMIN RESERVOIR - STATION NO 05NE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	3.238									1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	0	---	---	3
4	---	---	---	---	---	---	0	---	0	---	---	---	4
5	---	---	---	---	---	---	---	0	---	---	0	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	0.002	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	5.50	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	5.109	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	3.808	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	5.268	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---	---	---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON JUL 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 02 40 N
LONG 101 40 33 W
DRAINAGE AREA, 2 730 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

PIPESTONE CREEK NEAR MOOSOMIN - STATION NO 05NE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.275	5.77	1.26	0.527	0.178	0.059	0.081	0.043	1.19	---	1
2	---	---	0.303	3.86	1.17	0.430	0.161	0.057	0.070	0.051	1.17	---	2
3	---	---	0.288	4.03	1.07	0.486	0.137	0.054	0.076	0.052	1.17	---	3
4	---	---	0.266	3.90	1.23	0.352	0.120	0.051	0.060	0.057	1.18A	---	4
5	---	---	0.591	2.72	2.05	0.242	0.303	0.055	0.050	0.051	---	---	5
6	---	---	1.38 B	0.259	2.78	0.267	0.270	0.055	0.048	0.257	---	---	6
7	---	---	1.50	0.237	2.84	0.245	0.131	0.059	0.049	0.534	---	---	7
8	---	---	1.78	0.191	3.30	0.144	0.116	0.052	0.047	0.863	---	---	8
9	---	---	2.25	0.185	3.52	0.138	0.107	0.050	0.050	0.745	---	---	9
10	---	---	3.06	0.137	4.00	0.145	0.104	0.048	0.057	0.742	---	---	10
11	---	---	3.17	0.138	4.06	0.104	0.104	0.052	0.053	0.742	---	---	11
12	---	---	2.90	0.138	4.39	0.158	0.090	0.053	0.065	0.736	---	---	12
13	---	---	2.43	0.138	3.93	0.085	0.101	0.057	0.061	0.735	---	---	13
14	---	---	2.20	0.139	4.05	0.089	0.188	0.065	0.063	0.727	---	---	14
15	---	---	2.30	0.126	3.93	0.085	0.134	0.059	0.068	0.721	---	---	15
16	---	---	3.48	0.174	3.85	0.084	0.138	0.078	0.071	0.729	---	---	16
17	---	---	5.60	0.344	3.27	0.087	0.140	0.081	0.072	0.714	---	---	17
18	---	---	7.86	0.595	2.85	0.059	0.158	0.074	0.070	0.719	---	---	18
19	---	---	12.2	0.883	2.61	0.502	0.144	0.080	0.075	0.724	---	---	19
20	---	---	13.7	0.937	2.31	0.767	0.120	0.073	0.074	0.713	---	---	20
21	---	---	11.4	0.903	1.92	0.934	0.108	0.071	0.071	0.703	---	---	21
22	---	---	10.4	0.885	1.84	0.874	0.088	0.070	0.082	0.702	---	---	22
23	---	---	10.1	1.25	1.63	0.687	0.093	0.089	0.047	0.703	---	---	23
24	---	---	10.0	1.03	1.67	0.509	0.085	0.085	0.043	0.702	---	---	24
25	---	0.243A	11.8	1.04	1.27	0.628	0.072	0.088	0.059	0.713	---	---	25
26	---	0.243	9.02	1.21	1.11	0.484	0.080	0.087	0.057	0.722	---	---	26
27	---	0.240	8.73	1.10	0.973	0.372	0.083	0.090	0.058	0.755	---	---	27
28	---	0.242	8.84	1.22	0.884	0.308	0.072	0.084	0.052	1.10	---	---	28
29	---		8.85	1.15	0.822	0.223	0.082	0.082	0.051	1.19	---	---	29
30	---		8.29	1.26	0.733	0.180	0.125	0.082	0.048	1.20	---	---	30
31	---		7.50		0.717		0.081	0.088		1.20		---	31
TOTAL	---	---	188.283	38.298	71.789	9.985	3.819	2.134	1.825	20.040	---	---	TOTAL
MEAN	---	---	6.07	1.21	2.32	0.333	0.123	0.069	0.061	0.646	---	---	MEAN
MAX	---	---	13.7	5.77	4.39	0.934	0.303	0.090	0.081	1.20	---	---	MAX
MIN	---	---	0.275	0.126	0.717	0.057	0.080	0.048	0.043	0.043	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.36
MAXIMUM DAILY, 13.7 ON MAR 23
MINIMUM DAILY, 0.043 ON SEP 24
MAXIMUM INSTANTANEOUS,
21.0 AT 21:21 CST ON MAR 22

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 40 N
LONG 101 40 33 W
DRAINAGE AREA, 3 550 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	330
FEB	---	AUG	184
MAR	16 300	SEP	158
APR	3 130	OCT	1 730
MAY	6 200	NOV	---
JUN	864	DEC	---

TOTAL DISCHARGE, 28 900 dam³

PIPESTONE CREEK NEAR ROSE VALLEY - STATION NO. 05LA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 E	1.508	1.35	0.001E	0E	0E	0E	0A	0B	---	1
2	---	---	0 E	2.228	0.831	0.001E	0E	0E	0E	0E	0B	---	2
3	---	---	0 E	2.428	1.13	0 E	0E	0E	0E	0E	0B	---	3
4	---	---	0 E	1.868	0.461	0 E	0A	0E	0E	0E	0B	---	4
5	---	---	0 E	5.098	0.388	0 E	0E	0E	0E	0E	0B	---	5
6	---	---	0 E	8.878	0.288	0 E	0E	0E	0E	0E	---	---	6
7	---	---	0 E	11.7 B	0.189	0 E	0E	0E	0E	0E	---	---	7
8	---	---	0 E	13.9	0.135	0 E	0E	0E	0A	0E	---	---	8
9	---	---	0 E	14.9	0.132	0 E	0E	0E	0E	0E	---	---	9
10	---	---	0 E	14.2	0.183	0 E	0E	0E	0E	0E	---	---	10
11	---	---	0 E	11.6 B	0.184	0 E	0E	0E	0E	0E	---	---	11
12	---	---	0 E	9.438	0.302	0 E	0E	0E	0E	0E	---	---	12
13	---	---	0 E	8.098	0.185	0 E	0E	0E	0E	0E	---	---	13
14	---	---	0 E	6.818	0.183	0 E	0E	0E	0E	0E	---	---	14
15	---	---	0 E	5.028	0.206	0 E	0E	0E	0E	0E	---	---	15
16	--	---	0 E	4.218	0.141	0 E	0E	0E	0E	0E	---	---	16
17	---	---	0 E	3.638	0.069	0 E	0E	0E	0E	0E	---	---	17
18	---	---	0 E	3.03A	0.060	0 E	0E	0E	0E	0E	---	---	18
19	---	---	0 E	5.09A	0.050	0 E	0E	0E	0E	0E	---	---	19
20	---	---	0 E	4.65E	0.039A	0 E	0E	0E	0E	0E	---	---	20
21	---	---	0 E	4.61A	0.037E	0 E	0E	0E	0E	0E	---	---	21
22	---	---	0.0018	4.82	0.038A	0 E	0E	0E	0E	0E	---	---	22
23	---	---	0.0158	3.81	0.030E	0 E	0E	0E	0E	0E	---	---	23
24	---	---	0.0438	3.87	0.021E	0 E	0E	0E	0E	0E	---	---	24
25	---	---	0.0208	4.85	0.012E	0 E	0E	0E	0E	0E	---	---	25
26	---	---	0.0058	3.75	0.006E	0 E	0E	0E	0E	0E	---	---	26
27	---	---	0.0028	3.50	0.004E	0 E	0E	0E	0E	0E	---	---	27
28	---	---	0.1008	2.25	0.003E	0 E	0E	0E	0E	0E	---	---	28
29	---		0.3858	1.49	0.002E	0 E	0E	0E	0E	0E	---	---	29
30	---		0.6008	3.05	0.002E	0 E	0E	0E	0E	0E	---	---	30
31	---		0.9008		0.001E		0A	0E		0E		---	31
TOTAL	---	---	2.071	174.84	8.678	0.002	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.067	5.83	0.215	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.900	14.9	1.39	0.001	0	0	0	0	---	---	MAX
MIN	---	---	0	1.49	0.001	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.749
MAXIMUM DAILY, 14.9 ON APR 8
MINIMUM DAILY, 0E ON MAR 1
MAXIMUM INSTANTANEOUS,
15.0 AT 10:21 CST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 17 21 N
LONG 103 40 20 W
DRAINAGE AREA, 843 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	179	SEP	0
APR	15 100	OCT	0
MAY	577	NOV	---
JUN	0.17	DEC	---

TOTAL DISCHARGE, 15 900 dam³

PIPESTONE RIVER BELOW ROTARIU LAKE - STATION NO. 07LD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.33	2.40	2.18	2.86	5.72	5.19	3.94	5.93	4.11	3.85	3.24	2.78	1
2	2.41	2.36	2.16	2.84	5.72	5.20	3.95	5.83	4.15	3.81	3.16	2.81	2
3	2.47	2.38	2.14	2.81	5.74	4.98	4.13	5.78	4.92	3.58	3.14	2.83	3
4	2.52	2.36	2.17	2.69	5.78	4.86	4.48	5.70	4.75	3.55	3.11	2.84	4
5	2.50	2.35	2.18	2.78	5.86	4.80	4.89	5.66	4.77	3.54	3.15	2.84	5
6	2.44	2.33	2.17	2.87	5.90	4.85	5.14	5.57	4.80	3.53	3.15	2.84	6
7	2.38	2.32	2.33	2.91	5.87	4.71	5.30	5.48	4.72	3.51	3.14	2.77	7
8	2.33	2.31	2.24	2.97	5.08	4.71	5.47	5.33	4.61	3.44	3.14	2.74	8
9	2.27	2.31	2.37	3.07	5.25	4.79	5.50	5.22	4.53	3.51	3.12	2.75	9
10	2.24	2.33	2.47	3.22	5.55	4.76	5.52	5.13	4.42	3.53	3.09	2.88	10
11	2.22	2.40	2.59	3.35	5.73	4.89	5.45	5.09	4.31	3.49	3.05	2.83	11
12	2.16	2.45	2.68	3.49	5.71	4.80	5.50	5.01	4.22	3.47	2.98	2.81	12
13	2.16	2.51	2.71	3.51	5.75	4.65	5.45	4.94	4.13	3.42	2.93	2.58	13
14	2.14	2.49	2.68	3.48	5.73	4.42	5.34	4.89	3.98	3.45	2.88	2.84	14
15	2.15	2.47	2.67	3.39	5.68	4.33	5.26	4.83	3.96	3.41	2.84	2.53	15
16	2.18	2.41	2.65	3.32	5.57	4.28	5.21	4.78	3.90	3.40	2.80	2.57	16
17	2.22	2.34	2.58	3.29	5.46	4.25	5.16	4.75	3.86	3.38	2.74	2.56	17
18	2.26	2.28	2.52	3.42	5.36	4.24	5.36	4.94	3.87	3.35	2.70	2.59	18
19	2.33	2.28	2.48	3.49	5.36	4.22	5.30	5.02	3.84	3.35	2.65	2.61	19
20	2.30	2.29	2.50	3.56	5.20	4.24	5.37	4.97	3.81	3.30	2.63	2.62	20
21	2.59	2.27	2.54	3.64	5.26	4.18	5.36	4.97	3.76	3.30	2.60	2.61	21
22	2.63	2.26	2.69	3.78	5.15	4.11	5.48	4.93	3.74	3.29	2.57	2.64	22
23	2.64	2.25	2.71	4.00	5.09	4.12	5.55	4.89	3.77	3.27	2.59	2.65	23
24	2.66	2.22	2.71	4.22	5.01	4.26	5.62	4.84	3.70	3.24	2.65	2.60	24
25	2.67	2.24	2.70	4.36	5.04	4.23	5.59	4.68	3.62	3.23	2.57	2.61	25
26	2.67	2.27	2.67	4.54	5.58	4.20	5.13	4.59	3.52	3.21	2.58	2.78	26
27	2.67	2.24	2.66	4.61	5.57	4.23	5.13	4.62	3.53	3.29	2.58	2.73	27
28	2.63	2.21	2.65	5.11	5.42	4.13	5.03	4.45	3.92	3.31	2.63	2.70	28
29	2.57		2.62	5.42	5.29	4.11	5.05	4.39	3.89	3.28	2.70	2.63	29
30	2.60		2.58	5.71	5.25	4.02	5.03	4.39	3.73	3.27	2.77	2.67	30
31	2.44		2.67		5.22		5.08	4.19		3.26		2.67	31
TOTAL	74.89	66.36	77.63	108.09	167.36	134.26	166.42	155.63	121.97	105.44	85.77	83.40	TOTAL
MEAN	2.42	2.33	2.50	3.60	5.04	4.48	5.37	5.02	4.07	3.40	2.86	2.69	MEAN
MAX	2.67	2.51	2.71	5.71	5.75	5.20	5.13	5.93	4.80	3.85	3.24	2.84	MAX
MIN	2.14	2.21	2.14	2.84	5.22	4.02	3.94	4.19	3.62	3.21	2.85	2.53	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.74
MAXIMUM DAILY, 5.75 ON MAY 13
MINIMUM DAILY, 2.14 ON JAN 14
MAXIMUM INSTANTANEOUS,
6.83 AT 16:17 CST ON MAY 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 14 15 N
LONG 100 07 45 W
DRAINAGE AREA, 984 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 470	JUL	14 400
FEB	5 850	AUG	13 400
MAR	6 700	SEP	10 800
APR	9 340	OCT	9 110
MAY	15 200	NOV	7 410
JUN	11 800	DEC	7 210

TOTAL DISCHARGE, 118 000 dam³

POPLAR RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 11AE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	25.5	0.566	0.224	0.130	0.017	0.003	0.008	0.139	---	---	1
2	---	---	19.8	0.566	0.201	0.113	0.022	0.003	0.005	0.212	---	---	2
3	---	---	17.0	0.566	0.184	0.139	0.029	0.003	0.003	0.244	---	---	3
4	---	---	16.3	0.538	0.178	0.130	0.029	0.003	0.003	0.258	---	---	4
5	---	---	15.6	0.510	0.175	0.108	0.096	0.003	0.003	0.241	---	---	5
6	---	---	11.0	0.510	0.13	0.091	0.133	0.004	0.003	0.244	---	---	6
7	---	---	6.46	0.453	0.87	0.076	0.069	0.003	0.004	0.212	---	---	7
8	---	---	4.96	0.396	1.05	0.071	0.065	0.003	0.004	0.246	---	---	8
9	---	---	5.15	0.368	1.16	0.105	0.060	0.002	0.004	0.272	---	---	9
10	---	---	4.11	0.340	1.91	0.076	0.112	0.002	0.007	0.275	---	---	10
11	---	---	4.28	0.311	1.78	0.059	0.536	0.003	0.007	0.252	---	---	11
12	---	---	3.28	0.278	2.49	0.042	0.272	0.003	0.005	0.241	---	---	12
13	---	---	2.49	0.255	1.47	0.031	0.142	0.003	0.004	0.212	---	---	13
14	---	---	2.34	0.340	1.05	0.083	0.076	0.002	0.004	0.258	---	---	14
15	---	---	1.90	0.249	0.821	0.193	0.059	0.002	0.014	0.218	---	---	15
16	---	---	1.70	0.263	0.706	0.081	0.054	0.002	0.004	0.184	---	---	16
17	---	---	1.47	0.311	0.595	0.068	0.040	0.002	0.004	0.178	---	---	17
18	---	---	1.25	0.340	0.510	0.057	0.025	0.002	0.004	0.178	---	---	18
19	---	---	1.02	0.340	0.453	0.082	0.014	0.002	0.010	0.170	---	---	19
20	---	---	0.850	0.340	0.425	0.082	0.010	0.002	0.016	0.164	---	---	20
21	---	---	0.793	0.311	0.368	0.051	0.008	0.002	0.024	0.167	---	---	21
22	---	---	0.765	0.311	0.340	0.045	0.007	0.003	0.068	0.170	---	---	22
23	---	---	0.680	0.311	0.340	0.037	0.006	0.002	0.099	0.167	---	---	23
24	---	---	0.651	0.311	0.340	0.028	0.005	0.002	0.082	0.161	---	---	24
25	---	---	0.708	0.340	0.340	0.022	0.004	0.002	0.150	0.161	---	---	25
26	---	---	0.623	0.340	0.311	0.017	0.004	0.002	0.232	0.164	---	---	26
27	---	---	0.708	0.340	0.275	0.014	0.004	0.002	0.210	0.164	---	---	27
28	---	---	0.708	0.311	0.240	0.013	0.004	0.002	0.198	0.161	---	---	28
29	---	---	0.623	0.283	0.201	0.018	0.004	0.002	0.178	0.161	---	---	29
30	---	---	0.595	0.253	0.178	0.020	0.003	0.003	0.150	0.201	---	---	30
31	---	---	0.566		0.150		0.003	0.007		0.173		---	31
TOTAL	---	---	193.760	10.951	21.232	2.055	1.867	0.081	1.435	5.254	---	---	TOTAL
MEAN	---	---	4.96	0.385	0.688	0.068	0.060	0.003	0.050	0.202	---	---	MEAN
MAX	---	---	25.5	0.566	3.49	0.193	0.536	0.007	0.232	0.275	---	---	MAX
MIN	---	---	0.566	0.249	0.150	0.013	0.003	0.002	0.003	0.139	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.807
MAXIMUM DAILY, 25.5 ON MAR 1
MINIMUM DAILY, 0.002 ON AUG 9
MAXIMUM INSTANTANEOUS,
70.88 ON FEB 26

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 25 N
LONG 105 41 46 W
DRAINAGE AREA, 937 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	180
FEB	---	AUG	7.00
MAR	13 300	SEP	129
APR	947	OCT	540
MAY	1 840	NOV	---
JUN	178	DEC	---

TOTAL DISCHARGE, 17 100 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE OCCURRED ON FEB 26, OUTSIDE THE STANDARD PERIOD

PORCUPINE RIVER AT OUTLET OF GROVE LAKE - STATION NO. 07LC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	50.8	46.5	41.1	38.1	35.9	283	131	106	114	108	85.1	65.2	1
2	50.2	46.3	41.1	37.6	36.1	259	129	105	115	105	85.2	65.4	2
3	50.1	46.3	41.4	37.6	36.1	254	129	104	121	103	87.2	65.3	3
4	50.0	46.3	41.6	37.7	36.1	246	130	103	128	103	87.5	65.0A	4
5	49.8	46.2	42.0	37.8	36.5	239	128	102	130	102	87.8	62.8	5
6	49.5	46.1	41.1	37.7	37.1	233	126	101	133	102	85.2	62.0A	6
7	48.7	45.8	40.7	37.9	37.8	226	126	102	136	100	83.6	61.4	7
8	48.7	45.5	40.3	38.1	39.3	219	125	100	135	97.8	82.4	61.4	8
9	48.4	45.5	40.4	38.3	43.6	213	125	99.9	135	97.6	81.2	61.2	9
10	48.3	45.4	40.6	37.2	53.9	206	124	99.7	136	98.5	80.3	59.6	10
11	48.8	45.4	40.0	36.5	83.0	201	123	99.1	135	96.6	79.1	59.8	11
12	49.3	45.5	40.6	36.2	74.8	194	123	94.5	134	96.7	78.2	59.8	12
13	48.8	45.4	40.3	36.3	82.4	187	122	94.4	135	97.0	77.0A	59.5	13
14	49.3	45.6	40.4	36.3	100	181	121	93.9	134	95.8	75.0A	59.5	14
15	49.2	45.5	40.4	36.3	116	176	120	96.2	132	94.3	74.7	57.8	15
16	49.0	45.2	40.6	36.5	126	171	119	96.1	130	94.3	72.7	57.3	16
17	48.5	44.7	40.3	36.1	131	167	117	96.5	129	93.2	71.9	57.3	17
18	48.4	44.2	39.6	36.4	138	165	117	99.1	126	92.6	71.0	57.2	18
19	48.0	43.8	39.3	36.3	145	161	117	103	126	92.2	69.9	55.9	19
20	48.1	43.4	39.4	36.1	159 A	158A	116	105	124	93.2	69.6	55.9	20
21	47.7	43.2	38.9	35.3	179 A	155	116	107	122	93.4	69.3	55.8	21
22	47.3	42.9	38.8	36.3	202	150	113	108	121	93.3	69.0	55.7	22
23	47.2	42.3	38.4	36.5	223	146	113	110	118A	92.4	68.3	55.7	23
24	47.7	41.8	38.0	36.3	234	144	111	113	117A	92.5	68.2	54.5	24
25	47.9	41.7	38.2	35.3	246	142	111	113	118A	92.2	68.2	54.4	25
26	47.1	41.6	37.8	35.1	255	140	111	113	113A	91.5	67.4	53.9	26
27	46.1	41.2	37.8	36.0	261	137	110	113	111A	91.7	67.5	53.8	27
28	47.1	41.0	37.7	36.0	266	136	110	113	110	90.8	67.3	54.1	28
29	46.9		37.7	36.0	265	135	109	114	112	89.9	66.4	54.3	29
30	46.5		37.8	36.0	264	134	108	115	110A	89.6	65.3	54.4	30
31	46.6		37.9		264		107	115		88.9		54.1	31
TOTAL	1 507.5	1 284.4	1 229.6	1 102.9	6 193.7	6 837	3 882	3 337.4	3 736	2 989.5	2 261.5	1 809.6	TOTAL
MEAN	48.8	44.4	39.7	36.8	135	185	119	104	125	95.8	75.4	58.4	MEAN
MAX	50.8	46.5	42.0	38.3	266	283	131	115	136	108	87.8	65.4	MAX
MIN	46.5	41.0	37.7	35.0	35.9	134	107	93.9	110	88.9	85.3	53.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 89.1
MAXIMUM DAILY, 266 ON MAY 26
MINIMUM DAILY, 35.8 ON MAY 1
MAXIMUM INSTANTANEOUS,
268 AT 19:49 CST ON MAY 26

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 26 40 N
LONG 104 21 40 W
DRAINAGE AREA, 7 300 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	130 000	JUL	318 000
FEB	108 000	AUG	275 000
MAR	105 000	SEP	323 000
APR	95 300	OCT	257 000
MAY	353 000	NOV	195 000
JUN	478 000	DEC	156 000

TOTAL DISCHARGE, 2 810 000 dam³

PRAIRIE RIVER NEAR PRAIRIE RIVER - STATION NO. 05LB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0098	1.10	0.741	0.278	0.882	0.209	0.311	0.248	---	1
2	---	---	0 B	0.0098	1.08	0.649	0.295E	0.931	0.137	0.312	0.235	---	2
3	---	---	0 B	0.0018	1.07	0.574	0.380E	0.898	0.117	0.315	0.205	---	3
4	---	---	0 B	0.1238	1.06	0.503	0.378A	0.836	0.124	0.384	0.204	---	4
5	---	---	0 B	0.2938	1.18	0.502	0.330	0.727	0.133	0.347	0.220	---	5
6	---	---	0 B	1.29 B	1.06	0.525	0.573	0.701	0.118	0.308	0.280A	---	6
7	---	---	0 B	2.88 B	1.06	0.598	1.10	0.706	0.085	0.298	---	---	7
8	---	---	0 B	2.07 B	0.997	0.543	0.983	0.701	0.088	0.290	---	---	8
9	---	---	0 B	2.06 B	0.928	0.480	0.785	0.897	0.071	0.298	---	---	9
10	---	---	0 B	1.72 B	1.04	0.544E	0.848	0.717	0.071	0.305	---	---	10
11	---	---	0 B	0.7098	1.54	0.632A	0.635	0.701	0.087	0.319	---	---	11
12	---	---	0 B	1.08 B	2.90	0.730	0.589	0.667	0.085	0.324	---	---	12
13	---	---	0 B	0.7728	3.87	0.995	0.524	0.559	0.083	0.324	---	---	13
14	---	---	0 B	0.6008	5.03	1.14	0.520	0.459	0.087	0.295	---	---	14
15	---	---	0 B	0.6918	5.86	1.11	0.529	0.406	0.084	0.288	---	---	15
16	---	---	0 B	0.9838	6.83	0.969	0.573	0.408	0.082	0.263	---	---	16
17	---	---	0 B	0.8638	8.25	0.843	0.608	0.550	0.088	0.257	---	---	17
18	---	---	0 B	0.8098	7.18	0.721	0.742	0.569	0.135	0.285	---	---	18
19	---	---	0 B	0.7838	6.28	0.752	1.06	0.561	0.143	0.288	---	---	19
20	---	---	0 B	0.7468	5.30	0.611	0.889	0.553	0.153	0.274	---	---	20
21	---	---	0 B	0.9888	4.48	0.646	0.697	0.520	0.165	0.257	---	---	21
22	---	---	0 B	0.8568	4.12	0.532	0.594	0.521	0.168	0.238	---	---	22
23	---	---	0 B	0.9588	3.81	0.484	0.504	0.505	0.215	0.227	---	---	23
24	---	---	0 B	1.37	3.08	0.361	0.448	0.476	0.219	0.237	---	---	24
25	---	---	0 B	1.35	2.53	0.461	0.491	0.474	0.205	0.233	---	---	25
26	---	---	0 B	1.29	2.09	0.822	0.554	0.457	0.229	0.244	---	---	26
27	---	---	0 B	1.55	1.78	0.722	0.526	0.431	0.308	0.238	---	---	27
28	---	---	0 B	1.74	1.38	0.607	0.468	0.400	0.338	0.235	---	---	28
29	---		0 B	1.32	1.22	0.459	0.479	0.353	0.329	0.240	---	---	29
30	---		0 B	1.07	0.871	0.330	0.537	0.299	0.321	0.250	---	---	30
31	---		0 0018		0.719		0.695	0.249		0.247		---	31
TOTAL	---	---	0.001	31.083	89.865	19.576	18.412	17.914	4.674	8.747	---	---	TOTAL
MEAN	---	---	0	1.04	2.90	0.653	0.594	0.578	0.156	0.282	---	---	MEAN
MAX	---	---	0.001	2.88	8.25	1.14	1.10	0.931	0.338	0.384	---	---	MAX
MIN	---	---	0	0.001	0.719	0.330	0.278	0.249	0.071	0.227	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.777
MAXIMUM DAILY, 8.25 ON MAY 17
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
8.20 AT 06:30 CST ON MAY 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 49 01 N
LONG 102 59 49 W
DRAINAGE AREA, 324 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 590
FEB	---	AUG	1 550
MAR	0.05	SEP	404
APR	2 690	OCT	756
MAY	7 760	NOV	---
JUN	1 590	DEC	---

TOTAL DISCHARGE, 16 400 dam³

QU'APPELLE RIVER ABOVE BUFFALO POUND LAKE - STATION NO. 05JG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.238	1.218	9.308	3.19 B	7.19	5.96	5.11	3.22	4.01	1.59	0.9738	1.56 B	1
2	1.238	1.238	12.4 B	1.73 B	8.54	10.0	4.84	4.08	4.05	1.70	1.40 B	1.53 B	2
3	1.228	1.258	11.4 B	1.94	8.72	7.93	4.89	3.21	4.33	1.84	1.89 B	1.22 B	3
4	1.218	1.278	8.728	1.75	8.84	5.33	4.84	2.93	4.16	1.89	2.03 B	0.9058	4
5	1.208	1.278	6.378	1.75	9.14	5.33	4.81	2.86	4.03	1.66	1.72 B	1.51 B	5
6	1.208	1.268	3.008	1.75	9.41	5.38	4.87	2.84	4.05	1.66	1.53 B	1.84 B	6
7	1.228	1.258	2.668	1.84	9.07	5.30	4.66	2.88	4.10	1.63	1.51 B	1.33 B	7
8	1.238	1.248	2.838	1.53	8.96	5.20	4.58	2.76	4.04	1.65	1.20 B	1.40 B	8
9	1.248	1.238	2.688	1.53	9.06	5.40	4.63	2.79	4.05	1.61	0.9865	1.39 B	9
10	1.258	1.228	2.258	1.56	9.30	5.36	4.90	2.79	4.16	1.73	1.23 B	1.39 B	10
11	1.258	1.218	2.118	1.62	9.38	5.28	4.87	2.73	4.19	1.68	1.60 B	1.38 B	11
12	1.268	1.198	1.958	1.48	9.28	5.38	4.78	2.82	4.26	1.58	1.66 B	1.38 B	12
13	1.268	1.188	1.908	0.9998	7.74	5.24	4.84	2.93	4.17	1.65	0.9418	1.37 B	13
14	1.268	1.168	1.918	0.7338	5.58A	5.29	4.69	3.36	4.24	1.67	1.73 B	1.36 B	14
15	1.268	1.158	1.998	2.52 B	5.61A	5.31	4.63	3.18	4.32	1.66	1.25 B	1.36 B	15
16	1.268	1.148	2.118	1.76 B	5.64A	5.31	4.58	3.12	4.36	1.68	1.04 B	1.35 B	16
17	1.268	1.158	2.088	1.69	5.32A	5.17	4.58	3.06	4.31	1.65	1.17 B	1.35 B	17
18	1.268	1.168	1.908	1.67	5.45A	4.84	4.61	3.03	4.25	1.66	0.9178	1.34 B	18
19	1.258	1.268	1.928	1.53	5.19A	4.97	4.71	3.16	4.29	1.67	1.18 B	1.33 B	19
20	1.228	1.308	1.868	1.46	5.01A	4.95	4.58	3.28	4.34	1.67	1.40 B	1.33 B	20
21	1.188	1.228	1.968	1.44	4.99A	4.95	4.57	3.65	4.70	1.64	1.68 B	1.32 B	21
22	1.168	1.228	2.238	1.50	5.39	4.94	2.98	3.67	4.61	1.66	1.50 B	1.32 B	22
23	1.158	1.408	2.088	1.55	5.80	4.90	2.46	3.68	3.92	1.61	1.59 B	1.31 B	23
24	1.148	1.188	1.998	1.51	6.59	4.84	2.27	3.93	1.92	1.62	1.73 B	1.31 B	24
25	1.148	1.208	1.518	1.43	7.80	4.93	2.24	4.04	1.84	1.65	1.66 B	1.31 B	25
26	1.148	1.508	1.368	1.89	7.80	4.83	2.20	3.99	2.03	1.66	1.53 B	1.31 B	26
27	1.148	1.758	1.188	3.43	7.58	4.83	2.26	3.96	1.95	1.65	1.60 B	1.31 B	27
28	1.158	4.308	1.828	3.45	8.66	4.88	2.41	3.90	1.62	1.63	1.47 B	1.31 B	28
29	1.158		2.198	4.39	9.88	4.76	2.28	3.96	1.73	1.67	1.34 B	1.31 B	29
30	1.178		2.438	5.80	9.82	4.89	2.32	3.98	1.67	1.588	1.82 B	1.31 B	30
31	1.198		2.798		10.1		2.46	4.05		1.498		1.31 B	31
TOTAL	37.48	38.10	102.88	60.132	236.56	165.89	123.65	104.25	108.71	50.88	42.797	42.265	TOTAL
MEAN	1.21	1.36	3.32	2.00	7.63	5.53	3.99	3.36	3.66	1.64	1.43	1.36	MEAN
MAX	1.26	4.30	12.4	5.80	10.1	10.0	5.11	4.08	4.70	1.73	2.03	1.91	MAX
MIN	1.14	1.14	1.18	0.733	4.89	4.76	2.20	2.73	1.62	1.49	0.586	0.905	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.05
MAXIMUM DAILY, 12.4B ON MAR 2
MINIMUM DAILY, 0.586B ON NOV 9
MAXIMUM INSTANTANEOUS,
14.5B AT 21:11 CST ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 00 N
LONG 105 49 31 W
DRAINAGE AREA, 2 630 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1958

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 240	JUL	10 700
FEB	3 290	AUG	8 010
MAR	8 890	SEP	8 480
APR	5 200	OCT	4 400
MAY	20 400	NOV	3 700
JUN	14 300	DEC	3 850

TOTAL DISCHARGE, 98 300 dam³

QU'APPELLE RIVER AT HYDE - STATION NO. 05JM013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	3.38B	8.49B	2.08	1.50	0.392	0.589	0.113	0.332	---	---	1
2	---	---	3.40B	5.39B	2.05	1.44	0.481	0.600	0.145	0.387	---	---	2
3	---	---	3.20B	4.80	2.12	1.43	0.467	0.633	0.118	0.403	---	---	3
4	---	---	3.40B	4.05	2.08	1.39	0.494	0.777	0.098	0.407	---	---	4
5	---	---	3.60B	3.88	2.15	1.22	0.672	0.844	0.110	0.420	---	---	5
6	---	---	3.58B	3.58	2.51	1.15	0.537	0.503	0.117	0.370	---	---	6
7	---	---	3.55B	3.32	3.50	1.15	0.401	0.492	0.128	0.418	---	---	7
8	---	---	3.63B	3.06	7.85	0.982	0.464	0.470	0.114	0.471	---	---	8
9	---	---	3.52B	2.80	8.02	0.901	1.25	0.384	0.118	0.512	---	---	9
10	---	---	4.00B	2.76	5.61	0.987	1.33	0.337	0.135	0.668	---	---	10
11	---	---	5.00B	2.71	5.77	0.967	1.10	0.310	0.158	0.705	---	---	11
12	---	---	5.00B	2.56	5.35	0.819	0.910	0.287	0.198	0.731	---	---	12
13	---	---	5.80B	2.51	8.00	0.791	0.930	0.319	0.153	1.02	---	---	13
14	---	---	6.30B	2.58	6.95	0.928	0.813	0.282	0.191	1.28	---	---	14
15	---	---	5.00B	3.32	6.02	1.14	0.971	0.265	0.173	0.934	---	---	15
16	---	---	5.80B	2.22	5.07	1.22	1.34	0.245	0.195	0.737	---	---	16
17	---	---	5.40B	2.39	4.63	0.945	1.52	0.248	0.205	0.834	---	---	17
18	---	---	5.10B	2.18	4.47	0.820	1.55	0.191	0.230	1.08	---	---	18
19	---	---	4.80B	2.07	4.12	0.765	1.36	0.156	0.218	1.29	---	---	19
20	---	---	4.80B	2.08	3.46	0.781A	1.28	0.148	0.247	1.34	---	---	20
21	---	---	4.40B	2.06	3.11	0.660A	1.48	0.122	0.289	1.45	---	---	21
22	---	---	5.50B	2.05	2.83	0.813	1.69	0.104	0.206	1.51	---	---	22
23	---	---	8.40B	2.08	2.55	0.537	1.50	0.114	0.191	1.62 A	---	---	23
24	---	3.25B	14.0 B	2.03	2.32	0.655	1.18	0.084	0.228	1.62 E	---	---	24
25	---	3.28B	16.0 B	1.96	2.25A	0.892	0.926	0.081	0.422	1.62 E	---	---	25
26	---	3.31B	15.6 B	2.23	2.17A	0.982	0.754	0.074	0.631	1.64 E	---	---	26
27	---	3.34B	13.0 B	2.11	2.12	0.784	0.709	0.067	0.480	1.74 E	---	---	27
28	---	3.36B	10.8 B	1.94	2.02	0.537	0.789	0.058	0.303	1.95 E	---	---	28
29	---		11.6 B	1.88	1.96	0.380	0.674	0.061	0.291	2.18 E	---	---	29
30	---		10.6 B	2.03	1.75	0.309	0.623	0.087	0.330	2.38 A	---	---	30
31	---		10.1 B		1.59		0.550	0.094		2.40 E	---	---	31
TOTAL	---	---	210.86	86.13	121.45	27.446	28.067	8.806	8.454	34.560	---	---	TOTAL
MEAN	---	---	6.81	2.87	3.92	0.915	0.938	0.284	0.215	1.11	---	---	MEAN
MAX	---	---	16.0	8.49	8.35	1.50	1.69	0.777	0.631	2.40	---	---	MAX
MIN	---	---	3.20	1.94	1.59	0.309	0.382	0.058	0.089	0.332	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.14
MAXIMUM DAILY, 16.0B ON MAR 25
MINIMUM DAILY, 0.058 ON AUG 28

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 29 N
LONG 102 55 03 W
DRAINAGE AREA, 44 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 510
FEB	---	AUG	761
MAR	18 200	SEP	558
APR	7 440	OCT	2 990
MAY	10 500	NOV	---
JUN	2 370	DEC	---

TOTAL DISCHARGE, 45 300 dam³

QU'APPELLE RIVER BELOW CRAVEN DAM - STATION NO. 05JK002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.97B	4.17B	4.35 B	0.303	3.17	2.99	2.74	0.743	0.620	0.731	0.438	3.74B	1
2	2.95B	4.12B	4.82 B	0.288	3.17	2.85	2.70	0.711	1.36	0.481	0.422	3.78B	2
3	2.93B	4.06B	5.59 B	0.278	1.42	2.92	2.69	0.690	1.34	0.465	0.410	3.79B	3
4	2.88B	3.94B	6.03 B	0.270	1.62	2.39	2.68	0.701	1.32	0.454	0.393	3.77B	4
5	2.91B	3.87B	5.81 B	0.273	2.26	1.69	2.69	0.691	1.28	0.452	0.380	3.74B	5
6	3.08B	3.89B	5.34 B	0.273	3.15	1.72	2.69	0.716	1.28	0.447	0.372	3.76B	6
7	3.23B	3.76B	4.83 B	0.217	3.27	1.73	2.71	0.707	1.24	0.454	0.384	3.76B	7
8	3.25B	3.59B	4.65 B	0.188	3.21	1.64	2.73	0.731	1.24	0.438	0.383	3.78B	8
9	3.31B	3.47B	4.82 B	0.184	3.42	1.72	2.67	0.755	1.23	0.427	0.357	3.82B	9
10	3.30B	3.45B	3.24 B	0.122	3.59	1.87	2.00	0.736	1.23	0.434	0.355	3.80B	10
11	3.29B	3.38B	0.475B	0.084	3.58	1.84	1.26	0.718	1.23	0.381	0.3588	3.80B	11
12	3.16B	3.20B	0.475B	0.095	3.55	1.70	1.26	0.708	1.24	0.384	0.3678	3.80B	12
13	3.25B	3.10B	0.464B	0.111	3.47	1.61	1.23	0.705	1.20	0.352	0.3618	3.83B	13
14	3.36B	2.98B	0.453B	0.097	3.48	1.64	1.26	0.704	1.16	0.487	0.3398	3.89B	14
15	3.48B	2.91B	0.483B	0.080	3.60	1.53	1.18	0.717	1.14	0.686	0.3288	3.87B	15
16	3.65B	2.85B	0.542B	1.17	3.76	1.58	1.15	0.714	1.10	0.663	0.3198	3.90B	16
17	3.77B	2.76B	0.533B	2.96	4.06	1.61	1.08	0.728	0.707	0.656	0.3158	3.85B	17
18	3.60B	2.63B	0.535B	3.01	3.61	1.67	1.02	0.679	0.044	0.645	0.3128	3.89B	18
19	3.60B	2.86B	0.517B	3.22	3.56	1.61	0.897	0.671	0.052	0.638	0.7528	3.94B	19
20	3.60B	3.19B	0.541B	3.17	3.49	1.56	0.956	0.670	0.054	0.637	1.34 B	3.97B	20
21	3.60B	3.36B	0.572B	3.08	3.38	1.40	0.940	0.637	0.043	0.625	1.34 B	3.95B	21
22	3.62B	3.63B	0.603B	3.02	3.27	1.42	0.920	0.628	0.065	0.618	1.32 B	3.88B	22
23	3.77B	3.63B	0.578B	3.01	3.24	1.83	0.950	0.632	0.058	0.613	1.31 B	3.97B	23
24	3.86B	3.47B	0.571B	2.94	3.20	2.64	0.916	0.634	0.076	0.613	2.16 B	3.96B	24
25	3.92B	3.85B	0.565B	2.44	3.16	2.89	0.891	0.640	0.080	0.589	2.96 B	3.95B	25
26	3.90B	4.08B	0.538	1.83	3.10	2.88	0.887	0.622	0.085	0.540	2.93 B	3.88B	26
27	3.83B	4.09B	0.517	1.64	3.08	2.70	0.865	0.627	0.034	0.475	3.35 B	3.85B	27
28	4.04B	4.33B	0.488	2.23	3.08	2.89	0.838	0.619	0.031	0.481	3.77 B	3.88B	28
29	4.10B		0.459	3.18	3.08	2.70	0.834	0.621	0.065	0.473	3.77 B	3.89B	29
30	4.07B		0.414	3.18	3.09	2.74	0.834	0.827	0.077	0.489	3.75 B	3.88B	30
31	4.12B		0.344		3.07		0.784	0.834		0.482		3.90B	31
TOTAL	108.48	98.71	80.445	42.708	98.45	61.08	47.380	21.122	20.831	18.718	35.303	119.71	TOTAL
MEAN	3.63	3.53	1.96	1.42	3.18	2.04	1.53	0.681	0.688	0.507	1.18	3.86	MEAN
MAX	4.12	4.33	6.03	3.22	4.06	2.89	2.74	0.755	1.36	0.686	3.77	3.98	MAX
MIN	2.88	2.76	0.344	0.080	1.42	1.40	0.784	0.619	0.031	0.231	0.312	3.74	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.00
MAXIMUM DAILY, 6.03B ON MAR 6
MINIMUM DAILY, 0.031 ON SEP 28
MAXIMUM INSTANTANEOUS,
7.35 AT 11:43 CST ON SEP 2

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 42 20 N
LONG 104 47 50 W
DRAINAGE AREA, 33 700 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 480	JUL	4 090
FEB	8 530	AUG	1 820
MAR	5 220	SEP	1 780
APR	3 690	OCT	1 380
MAY	8 510	NOV	3 050
JUN	5 280	DEC	10 300

TOTAL DISCHARGE, 63 100 dam³

QU'APPELLE RIVER BELOW KATEPWA LAKE - STATION NO. 05JL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.158	4.18	3.47	2.43	1.44	0.837	0.227	0.651	0.218	0.202	2.49	1.858	1
2	4.418	4.12	4.21	2.24	1.29	0.818	0.134	0.417	0.220	0.287	2.48	1.948	2
3	4.558	4.04	5.66	2.12	1.28	0.955	0.395	0.388	0.274	0.241	2.59	1.928	3
4	4.528	4.07	5.56	1.99	1.37	0.515	0.108	0.304	0.217	0.380	2.77	1.858	4
5	4.488	4.01	5.25	1.88	1.63	0.495	0.988	0.333	0.157	0.296	2.84	1.758	5
6	4.408	4.08	4.99	1.81	3.34	0.758	0.989	0.470	0.154	0.304	2.73	1.758	6
7	4.368	4.15	4.91	1.73	3.28	0.659	0.618	0.383	0.126	0.421	2.57	1.728	7
8	4.458	4.04	4.84	1.66	3.24	0.380	0.644	0.422	0.139	0.438	2.89	1.808	8
9	4.708	4.12	4.58	1.57	3.26	0.718	0.640	0.547	0.186	0.471	2.45	1.908	9
10	4.458	4.11	4.44	1.57	3.47	0.963	0.774	0.221	0.170	1.22	2.70	1.988	10
11	4.118	4.11	4.36	1.74	3.20	0.909	1.09	0.150	0.190	0.850	2.208	2.048	11
12	4.208	4.08	4.22	1.80	3.27	1.38	1.48	0.154	0.168	0.733	2.188	2.028	12
13	3.968	4.03	4.12	1.52	2.88	0.606	1.52	0.226	0.170	0.819	2.148	2.108	13
14	4.048	4.08	4.07	1.65	2.47	0.345	1.88	0.175	0.180	1.08	2.138	2.058	14
15	4.038	4.11	4.71	1.53	2.22	0.441	1.40	0.216	0.221	1.15	2.128	2.018	15
16	4.028	3.96	5.84	1.48	2.41	0.426	1.27	0.188	0.235	1.19	2.108	2.008	16
17	4.118	3.85	6.09	1.49	1.76	0.344	1.88	0.113	0.206	1.28	2.088	2.118	17
18	4.128	3.84	6.21	1.50	1.59	0.347	1.85	0.104	0.204	1.42	2.038	2.138	18
19	4.078	3.82	5.68	1.48	1.54	0.683	1.77	0.169	0.204	1.50	1.998	2.218	19
20	4.098	3.87	5.62	1.40	1.44	0.672	1.20	0.172	0.218	1.48	2.148	2.358	20
21	4.138	3.78	5.26	1.29	1.25	0.789	1.08	0.313	0.226	1.60	2.288	2.538	21
22	4.038	3.78	4.99	1.30	1.08	0.769	0.812	0.304	0.224	1.61	2.368	2.738	22
23	3.848	3.74	4.29	1.44	1.18	0.371	0.933	0.294	0.218	1.67	2.208	2.838	23
24	4.458	3.80	4.00	1.46	1.18	0.237	0.839	0.285	0.251	1.69	2.118	2.948	24
25	4.248	3.51	3.84	1.45	1.32	0.421	0.515	0.277	0.338	2.12	1.958	3.028	25
26	4.458	3.64	3.33	1.48	1.18	0.496	0.505	0.269	0.260	2.30	1.888	3.318	26
27	4.388	3.63	3.06	1.50	1.04	0.340	0.488	0.260	0.230	2.45	1.778	3.408	27
28	4.28	3.54	2.97	1.51	1.02	0.274	0.701	0.252	0.245	2.55	1.808	3.328	28
29	4.28		2.88	1.51	0.986	0.056	0.766	0.243	0.268	2.41	1.858	3.298	29
30	4.28		2.76	1.57	0.959	0.065	1.05	0.235	0.214	2.27	1.848	3.388	30
31	4.31		2.82		1.25		0.810	0.226		2.95		3.568	31
TOTAL	131.91	109.89	138.82	48.91	58.515	17.089	28.874	8.719	6.307	39.732	57.62	73.79	TOTAL
MEAN	4.26	3.92	4.48	1.63	1.89	0.569	0.931	0.281	0.210	1.28	2.25	2.38	MEAN
MAX	4.70	4.18	6.21	2.43	3.47	1.38	1.85	0.651	0.338	2.95	2.89	3.56	MAX
MIN	3.84	3.51	2.82	1.29	0.959	0.056	0.108	0.104	0.126	0.202	1.77	1.72	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.00
MAXIMUM DAILY, 6.21 ON MAR 18
MINIMUM DAILY, 0.056 ON JUN 28
MAXIMUM INSTANTANEOUS,
6.26 AT 05 45 CST ON MAR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 41 N
LONG 103 36 02 W
DRAINAGE AREA, 40 800 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 400	JUL	2 490
FEB	9 490	AUG	753
MAR	12 000	SEP	545
APR	4 230	OCT	3 430
MAY	5 060	NOV	5 840
JUN	1 470	DEC	6 380

TOTAL DISCHARGE, 63 100 dam³

QU'APPELLE RIVER BELOW LOON CREEK - STATION NO. 05JK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.058	3.098	3.73 B	0.9208	3.30	2.71	2.58	0.827	0.408	0.023	0.418	3.808	1
2	3.108	3.158	3.86 B	0.8308	3.01	2.69	2.70	0.820	0.355	0.014	0.440	3.798	2
3	3.148	3.208	4.00 B	0.7808	2.75	2.65	2.70	0.786	0.418	0.023	0.489	3.788	3
4	3.218	3.188	3.93 B	0.7008	2.46	2.57	2.63	0.740	0.554	0.041	0.265	3.748	4
5	3.238	3.218	3.71 B	0.6508	2.23	2.59	2.67	0.678	1.13	0.062	1.51	2.708	5
6	3.188	3.358	3.17 B	0.6208	3.50	2.40	2.85	0.611	1.26	0.036	0.5008	2.658	6
7	3.148	3.428	3.00 B	0.5508	4.47	1.88	2.59	0.570	1.28	0.300	0.3208	2.618	7
8	3.068	3.458	3.22 B	0.417	4.37	1.63	2.85	0.594	1.21	0.307	0.2908	2.578	8
9	2.948	3.408	3.44 B	0.406	4.41	1.58	2.63	0.818	1.18	0.328	0.2608	2.538	9
10	2.828	3.378	3.52 B	0.388	4.72	1.64	2.65	0.815	1.20	0.486	0.2508	2.488	10
11	2.788	3.378	3.58 B	0.388	4.81	1.48	2.64	0.805	1.25	0.435	0.2408	2.448	11
12	2.818	3.348	3.62 B	0.315	4.74	1.48	2.41	0.805	1.27	0.421	0.2308	2.408	12
13	2.898	3.338	3.71 B	0.270	4.51	1.35	1.87	0.620	1.18	0.423	0.2248	2.368	13
14	3.128	3.218	3.56 B	0.191	4.30	1.38	1.59	0.610	1.29	0.421A	0.2188	2.318	14
15	3.218	3.128	3.44 B	0.228	4.05	1.33	1.38	0.577	1.31	0.400E	0.2088	2.278	15
16	3.238	3.068	3.61 B	0.171	3.99	1.40	1.25	0.588	1.29	0.380A	0.2008	2.238	16
17	3.208	3.188	3.41 B	0.147	3.87	1.39	1.24	0.542	1.28	0.396E	0.1958	2.348	17
18	3.208	3.268	3.95 B	0.138	3.93	1.42	1.25	0.520	1.27	0.411E	0.1928	2.428	18
19	3.278	3.338	3.96 B	0.126	4.03	1.38	1.20	0.535	1.15	0.427E	0.1898	2.438	19
20	3.258	3.358	3.85 B	0.119	3.91	1.31	1.09	0.509	0.900	0.443E	0.1808	2.448	20
21	3.178	3.388	3.54 B	0.084	3.59	1.33	1.05	0.451	0.882	0.459E	0.1778	2.468	21
22	3.188	3.318	3.91 B	0.089	3.49	1.28	1.01	0.483	0.391	0.475E	0.1728	2.528	22
23	3.178	3.208	3.14 B	0.110	3.54	1.20	1.15	0.494	0.215	0.490A	0.2128	2.488	23
24	3.188	3.108	2.48 B	0.124	3.40	1.21	1.05	0.519	0.101	0.571	0.4808	2.488	24
25	3.168	3.168	2.12 B	0.089	3.24	1.48	1.00	0.472	0.060	0.549	0.9008	2.498	25
26	3.068	3.308	2.07 B	0.157	3.13	2.11	0.988	0.448	0.142	0.488	1.20 B	2.548	26
27	3.108	3.638	2.11 B	3.32	3.04	2.43	0.882	0.440	0.109	0.483	1.18 B	2.608	27
28	3.118	3.508	2.06 B	3.67	2.95	2.69	0.978	0.408	0.094	0.481	1.17 B	2.608	28
29	3.068		1.86 B	3.50	2.88	2.56	0.902	0.477	0.059	0.485	1.20 B	2.618	29
30	3.078		1.07 B	3.47	2.82	2.61	0.803	0.472	0.035	0.432	1.80 B	2.678	30
31	3.068		0.9808		2.78		0.911	0.448		0.882		2.788	31
TOTAL	96.30	91.89	97.680	22.975	112.21	54.91	53.374	17.650	23.081	11.505	15.287	78.52	TOTAL
MEAN	3.11	3.28	3.15	0.765	3.62	1.83	1.72	0.569	0.769	0.371	0.510	2.53	MEAN
MAX	3.27	3.63	4.00	3.67	4.81	2.71	2.70	0.827	1.31	0.882	1.80	2.80	MAX
MIN	2.78	3.08	0.980	0.084	2.23	1.20	0.902	0.408	0.035	0.014	0.172	2.23	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.85
MAXIMUM DAILY, 4.81 ON MAY 11
MINIMUM DAILY, 0.014 ON OCT 2
MAXIMUM INSTANTANEOUS,
4.83 AT 19:22 CST ON MAY 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 11 N
LONG 104 17 21 W
DRAINAGE AREA, 38 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 320	JUL	4 610
FEB	7 950	AUG	1 520
MAR	8 440	SEP	1 980
APR	1 980	OCT	894
MAY	8 880	NOV	1 320
JUN	4 740	DEC	6 780

TOTAL DISCHARGE, 58 300 dam³

REMARKS - THE CHANNEL WAS DREDGED DURING THE SUMMER OF 1986

QU'APPELLE RIVER BELOW MOOSE JAW RIVER - STATION NO. 05JC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.937B	1.02 B	6.91B	3.42	2.35	7.53	4.16	1.00	0.516	1.04	0.816	0.8038	1
2	0.927B	0.920B	8.84B	3.16	7.42	6.82	4.02	0.897	0.527	1.06	0.773	0.7368	2
3	0.855B	0.928B	8.67B	3.17	7.45	1.88	4.02	0.865	0.519	1.05	0.711	0.7818	3
4	0.745B	0.850B	7.63B	3.37	7.79	2.26	3.97	0.826	0.460	1.05	0.675	0.5928	4
5	0.745B	0.850B	5.88B	3.38	8.41	1.74	3.99	0.816	0.452	1.06	0.850	0.4598	5
6	0.787B	0.850B	2.70B	3.71	8.82	1.55	4.04	0.815	0.465	1.04	1.04	0.4848	6
7	0.858B	0.850B	4.32B	3.87	9.53	2.83	3.91	0.774	0.457	1.06	1.06	0.5278	7
8	1.02 B	0.850B	3.09B	3.59	9.17	2.87	3.88	0.771	0.465	1.17	0.736	0.5618	8
9	1.08 B	0.900B	5.14B	3.72	10.5	3.00	3.88	0.781	0.482	1.17	0.868	0.4438	9
10	1.07 B	0.900B	6.72B	3.30	14.7	2.96	3.87	0.743	0.545	1.11	0.887	0.8078	10
11	1.11 B	0.900B	7.13B	2.75	15.4	2.93	3.28	0.748	0.507	1.06	0.8368	0.8368	11
12	0.978B	0.900B	8.57B	2.41	17.2	2.93	3.53	0.776	0.489	1.04	0.8728	0.4138	12
13	0.935B	0.900B	8.91B	1.96	19.7	2.76	3.63	0.813	0.498	1.06	0.7398	0.5178	13
14	1.03 B	0.700B	8.85B	1.91B	21.5	2.57	3.52	0.811	0.522	1.06	0.8868	0.6038	14
15	1.09 B	1.30 B	8.23B	2.14B	22.8	2.57A	3.42	0.789	0.534	1.27	0.8058	0.5858	15
16	1.11 B	0.850B	7.32B	2.48	23.5	2.82E	3.35	0.791	0.551	1.28	0.8568	0.5698	16
17	0.974B	1.18 B	6.22B	3.00	23.7	2.64E	3.27	0.786	0.583	1.29	0.7448	0.6058	17
18	0.957B	0.700B	4.88B	3.14	22.9	2.67A	3.34	0.787	0.565	1.21	0.8218	0.5228	18
19	1.16 B	1.29 B	5.43B	2.81	21.1	2.69	3.33	0.811	0.582	1.10	1.03 B	0.4788	19
20	1.02 B	1.27 B	4.59B	2.51	18.3	2.65	3.26	0.817	0.627	1.07	0.9848	0.4288	20
21	0.837B	1.12 B	4.99B	2.22	15.6	2.64	3.23	0.764	0.698	1.09	1.05 B	0.4758	21
22	1.18 B	0.700B	4.34B	2.07	14.2	2.58	3.12	0.591	0.630	1.19	0.9198	0.4438	22
23	1.00 B	1.36 B	2.73B	2.00	13.6	2.88	3.25	0.594	0.624	1.27	0.9008	0.4138	23
24	1.10 B	1.40 B	4.44B	1.94	12.7	4.12	3.24	0.596	0.594	1.12	0.8928	0.4008	24
25	1.10 B	1.51 B	3.98B	1.88	11.5	4.15	3.11	0.591	0.589	1.16	0.8128	0.3248	25
26	0.600B	1.52 B	3.80B	1.82	10.5	4.11	3.10	0.587	0.625	1.20	0.7498	0.5578	26
27	1.00 B	1.24 B	4.81B	1.81	9.36	4.07	3.06	0.578	0.614	1.18	0.7698	0.5888	27
28	0.900B	4.57 B	4.35B	1.81	9.51	4.05	3.03	0.561	0.616	1.10	0.7258	0.7198	28
29	0.750B		4.05B	1.80	9.30	3.93	2.97	0.562	0.628	0.835	0.8228	0.8218	29
30	0.700B		3.69B	1.78	8.82	3.89	3.09	0.538	1.02	1.22	0.8438	0.7088	30
31	1.00 B		3.71B		8.03		2.71	0.531		0.877		0.7188	31
TOTAL	29.546	32.329	175.30	78.01	415.18	96.98	107.58	22.710	18.986	34.602	24.840	17.475	TOTAL
MEAN	0.953	1.15	5.65	2.63	13.4	3.23	3.47	0.733	0.595	1.12	0.821	0.564	MEAN
MAX	1.18	4.57	8.91	3.87	23.7	7.53	4.16	1.00	1.02	1.29	1.06	0.821	MAX
MIN	0.600	0.700	2.70	1.78	2.35	1.55	2.71	0.531	0.452	0.835	0.836	0.324	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.88
MAXIMUM DAILY, 23.7 ON MAY 17
MINIMUM DAILY, 0.3248 ON DEC 25
MAXIMUM INSTANTANEOUS,
24.4 AT 02:02 CST ON MAY 17

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 34 40 N
LONG 105 16 00 W
DRAINAGE AREA, 12 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 550	JUL	9 290
FEB	2 790	AUG	1 980
MAR	15 100	SEP	1 470
APR	6 830	OCT	2 980
MAY	35 900	NOV	2 130
JUN	8 380	DEC	1 510

TOTAL DISCHARGE, 90 900 dam³

QU'APPELLE RIVER NEAR LUMSDEN - STATION NO. 05JF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.60B	1.64 B	2.64B	7.05B	3.04	9.32	5.40	3.99	1.40	1.81	1.69B	1.28B	1
2	1.63B	1.59 B	5.59B	6.33B	3.10	8.67	6.02	2.53	1.38	1.94	1.69B	1.27B	2
3	1.58B	1.57 B	8.25B	6.82	7.37	7.88	5.78	1.88	1.50	1.59	1.72B	1.25B	3
4	1.48B	1.52 B	9.55B	6.33	8.84	4.47	5.49	1.78	1.52	1.41	1.51B	1.19B	4
5	1.49B	1.51 B	8.91B	4.98	10.1	3.81	5.51	1.58	1.49	1.31	1.38B	1.12B	5
6	1.48B	1.58 B	6.77B	3.47	17.1	3.31	5.49	1.73	1.43	1.53	1.23B	1.14B	6
7	1.34B	1.53 B	4.60B	3.05	20.3	2.46	5.87	1.84	1.40	1.58	1.24B	1.25B	7
8	1.22B	1.47 B	5.27B	4.81	18.8	3.23	5.57	1.87	1.45	1.58	1.34B	1.25B	8
9	1.27B	1.35 B	5.18B	2.95	19.7	3.97	5.24	1.75	1.45	1.55	1.69B	1.19B	9
10	1.49B	1.40 B	5.19B	2.34	25.8	3.98	5.30	2.05	1.47	1.56	1.59B	1.06B	10
11	1.52B	1.29 B	8.14B	2.20B	31.1	4.11	5.34	1.72	1.55	1.46	1.34B	1.09B	11
12	1.42B	0.915B	7.31B	8.06B	29.1	4.13	5.05	1.57	1.65	1.20	1.42B	1.20B	12
13	1.17B	0.896B	7.86B	6.74B	28.8	3.86	5.10	1.55	1.82	1.12	1.25B	1.22B	13
14	1.21B	0.996B	8.53B	4.60B	30.3	3.82	5.07	1.72	1.65	1.14	1.28B	1.17B	14
15	1.38B	0.999B	9.06B	4.17B	31.3	3.82	5.03	1.73	1.63	1.10	1.39B	1.22B	15
16	1.41B	1.15 B	10.1B	4.24	31.5	3.82	5.16	1.96	1.69	1.24	1.47B	1.20B	16
17	1.42B	1.30 B	9.38B	4.44	31.0	3.62	4.82	1.85	1.91	1.38	1.48B	1.22B	17
18	1.38B	1.45 B	8.40B	5.14	28.5	3.62	4.74	1.73	2.21	1.37	1.40B	1.23B	18
19	1.37B	1.46 B	7.55B	5.54	27.1	4.67	5.94	1.72	1.90	1.35	1.32B	1.18B	19
20	1.52B	1.54 B	7.79B	4.83	25.0	4.10	4.78	1.67	1.92	1.18	1.28B	1.09B	20
21	1.75B	1.70 B	8.83B	4.27	21.8	3.99	4.40	1.58	2.35	1.09	1.29B	1.00B	21
22	1.75B	1.80 B	9.84B	3.89	18.8	3.90	4.25	1.61	3.76	1.26	1.28B	1.05B	22
23	1.68B	1.83 B	9.52B	3.86	17.9	3.86	4.39	1.49	3.24	1.86	1.22B	1.11B	23
24	1.61B	1.88 B	8.44B	3.66	17.4	3.84	4.23	1.32	2.17	2.01	1.13B	1.19B	24
25	1.29B	1.96 B	8.13B	3.43	15.5	4.92	4.24	1.38	1.87	2.04	1.14B	1.23B	25
26	1.04B	2.05 B	8.96B	3.21	13.9	5.14	4.11	1.44	1.87	1.90	1.22B	1.23B	26
27	1.08B	2.80 B	7.22B	3.18	12.8	5.04	4.02	1.30	2.54	2.01	1.41B	1.26B	27
28	1.42B	3.65 B	8.31B	3.19	11.5	4.88	4.21	1.10	2.51	2.05	1.52B	1.30B	28
29	1.80B		8.59B	3.12	11.2	5.22	4.79	1.16	1.92	2.00	1.32B	1.32B	29
30	1.64B		8.50B	3.15	11.0	5.37	4.85	1.41	1.88	1.86	1.29B	1.34B	30
31	1.67B		8.41B		10.2		4.20	1.44		1.77B		1.35B	31
TOTAL	44.89	44.847	236.83	132.86	590.15	136.34	159.59	53.55	58.12	48.26	41.43	37.20	TOTAL
MEAN	1.45	1.60	7.64	4.43	19.0	4.54	5.15	1.73	1.87	1.56	1.38	1.20	MEAN
MAX	1.75	3.65	10.1	8.06	31.5	9.32	8.67	3.99	3.76	2.05	1.72	1.35	MAX
MIN	1.04	0.896	2.64	2.20	3.04	2.46	4.02	1.10	1.38	1.09	1.13	1.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.33
MAXIMUM DAILY, 31.5 ON MAY 16
MINIMUM DAILY, 0.8968 ON FEB 13
MAXIMUM INSTANTANEOUS,
31.8 AT 12:33 CST ON MAY 16

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 15 N
LONG 104 51 05 W
DRAINAGE AREA, 18 300 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 880	JUL	13 800
FEB	3 870	AUG	4 530
MAR	20 500	SEP	4 850
APR	11 500	OCT	4 170
MAY	51 000	NOV	3 580
JUN	11 800	DEC	3 210

TOTAL DISCHARGE, 137 000 dam³

QU'APPELLE RIVER NEAR WELBY - STATION NO. 05JM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.10B	4.49B	4.21B	31.1	2.85E	4.63E	1.32E	2.76	0.468	0.315	4.77B	4.14B	1
2	3.95B	4.46B	4.31B	22.6	2.77E	4.09E	1.27E	2.69	0.425	0.596	5.00B	3.97B	2
3	3.76B	4.50B	4.44B	16.5	2.81E	3.73E	1.24A	2.48	0.390	1.89	4.81B	3.81B	3
4	3.76B	4.47B	4.44B	14.1	2.89E	3.52E	1.32E	2.33	0.341	1.87	5.12B	3.75B	4
5	3.94B	4.41B	4.39B	13.1	3.17E	3.40E	1.52E	2.22	0.332	1.89	5.80B	3.33B	5
6	4.16B	4.45B	4.37B	9.26	4.43	3.24E	1.71E	2.10	0.307	1.89	6.00B	3.25B	6
7	4.35B	4.45B	4.54B	7.60E	7.08	3.04E	1.72E	2.11	0.268	1.83	5.88B	3.23B	7
8	4.36B	4.51B	4.93B	6.60E	9.56	2.63E	1.88E	1.90	0.245	1.78	6.20B	3.21B	8
9	4.19B	4.57B	5.07B	5.95E	9.62	2.28E	1.81E	1.79	0.145	1.78	6.30B	3.17B	9
10	4.37B	4.44B	5.01B	5.30E	9.82	2.23E	1.75E	1.90	0.124	2.26	6.20B	3.00B	10
11	4.64B	4.18B	4.97B	4.90E	9.94	2.08E	1.71E	1.79	0.163	4.23	6.23B	2.69B	11
12	4.58B	4.05B	4.86B	4.60E	10.0	1.92E	1.69E	1.71	0.176	4.31	6.30B	2.67B	12
13	4.68B	4.11B	4.90B	4.30E	9.72	1.82E	1.71E	1.61	0.161	4.12	6.00B	2.99B	13
14	4.87B	4.22B	5.04B	4.05E	10.2	1.75E	2.13A	1.45	0.190	3.95	6.08B	3.00B	14
15	4.93B	4.30B	5.23B	3.75E	9.94	1.82E	2.12E	1.28	0.124	3.79	5.84B	2.88B	15
16	4.94B	4.41B	5.74B	3.50A	9.76	1.78E	2.41E	1.16	0.116	3.72	5.39B	2.80B	16
17	4.89B	4.47B	12.9 B	3.45E	9.79	1.70E	2.39E	1.10	0.097	3.61	5.44B	2.71B	17
18	4.97B	4.34B	17.0 B	3.35E	10.0	1.63E	2.08A	1.03	0.081	3.51	6.04B	2.64B	18
19	5.05B	4.23B	19.8 B	3.20E	9.65	1.59E	1.94	1.01	0.077	3.41	5.73B	2.86B	19
20	5.00B	4.19B	23.0 B	3.12E	9.43	1.76A	2.22	1.41	0.092	3.31	5.55B	2.64B	20
21	4.85B	4.36B	23.4 B	3.05E	9.24	1.76E	2.50	1.79	0.112	3.26	5.36B	2.51B	21
22	4.84B	4.36B	23.9 B	2.95E	8.88	1.78E	2.56	1.84	0.133	3.18	5.18B	2.52B	22
23	4.58B	4.34B	25.8 B	2.88E	8.24	1.74E	2.43	1.45	0.137	3.12	5.05B	2.56B	23
24	4.55B	4.28B	28.4 B	2.82E	7.48	1.65E	2.36	1.22	0.154	3.69	5.01B	2.59B	24
25	3.96B	4.25B	28.7 B	2.76E	7.36	1.57E	2.30	1.13	0.187	5.02	4.88B	2.59B	25
26	3.17B	4.18B	27.3 B	2.70E	7.76	1.58E	2.80	1.02	0.227	5.10	4.75B	2.61B	26
27	3.84B	4.05B	27.9 B	2.65E	7.41	1.52E	2.80	0.898	0.227	5.98	4.58B	2.58B	27
28	4.20B	4.11B	27.8 B	2.58A	8.85	1.40E	3.07	0.805	0.217	5.68	4.48B	2.57B	28
29	4.27B		29.4 B	2.63E	8.11	1.38E	3.35	0.696	0.309	5.46	4.32B	2.58B	29
30	4.35B		32.6 B	2.75E	5.66A	1.34E	2.94	0.609	0.324	5.29	4.22B	2.61B	30
31	4.44B		38.3		5.12E		2.94	0.483		5.02		2.61B	31
TOTAL	136.54	121.18	485.85	202.20	233.54	65.34	65.97	47.571	6.347	106.662	164.87	90.86	TOTAL
MEAN	4.40	4.33	15.0	6.74	7.53	2.21	2.13	1.53	0.212	3.44	5.49	2.93	MEAN
MAX	5.05	4.57	39.3	31.1	10.2	4.63	3.35	2.76	0.468	5.10	6.44	4.14	MAX
MIN	3.17	4.05	4.21	2.58	2.77	1.34	1.24	0.483	0.077	0.315	4.22	2.51	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.68
MAXIMUM DAILY, 39.3 ON MAR 31
MINIMUM DAILY, 0.077 ON SEP 19
MAXIMUM INSTANTANEOUS,
41.3 AT 12:40 CST ON MAR 31

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 29 28 N
LONG 101 33 28 W
DRAINAGE AREA, 50 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 800	JUL	5 700
FEB	10 500	AUG	4 110
MAR	40 200	SEP	548
APR	17 500	OCT	9 220
MAY	20 200	NOV	14 200
JUN	5 730	DEC	7 850

TOTAL DISCHARGE, 148 000 dam³

QUILL CREEK NEAR QUILL LAKE - STATION NO. 05MA020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	2.52	0.179	0	0	0	0	0	---	---	1
2	---	---	0 B	1.91 B	0.088	0	0	0	0	0	---	---	2
3	---	---	0 B	1.41 B	0.051	0	0.048	0	0	0	---	---	3
4	---	---	0 B	1.08 A	0.041	0	0	0	0	0	---	---	4
5	---	---	0 B	0.937	0.027	0.002	0	0	0	0	---	---	5
6	---	---	0 B	0.857	0.013	0	0	0	0	0	---	---	6
7	---	---	0 B	0.653	0.010	0	0	0	0	0	---	---	7
8	---	---	0 B	0.499	0.046	0	0	0	0	0	---	---	8
9	---	---	0 B	0.428	0.004	0	0	0	0	0	---	---	9
10	---	---	0 B	0.3488	0.117	0	0	0	0	0	---	---	10
11	---	---	0 B	0.1908	0.081	0	0	0	0	0	---	---	11
12	---	---	0 B	0.0918	0.056	0	0	0	0	0	---	---	12
13	---	---	0 B	0.0648	0.069	0	0	0	0	0	---	---	13
14	---	---	0 B	0.0498	0.029	0	0	0	0	0	---	---	14
15	---	---	0 B	0.0368	0.083	0	0	0	0	0	---	---	15
16	---	---	0 B	0.023A	0.047	0	0	0	0	0	---	---	16
17	---	---	0 B	0.023	0.017	0	0	0	0	0	---	---	17
18	---	---	0 B	0.050	0.012	0	0	0	0	0	---	---	18
19	---	---	0 B	0.050	0.011	0	0	0	0	0	---	---	19
20	---	---	0 B	0.059	0.001	0	0	0	0	0	---	---	20
21	---	---	0.010B	0.045	0.015	0	0	0	0	0	---	---	21
22	---	---	0.700B	0.036	0.084	0	0	0	0	0	---	---	22
23	---	---	1.50 B	0.018	0.059	0	0	0	0	0	---	---	23
24	---	---	1.50 B	0.015	0.023	0	0	0	0	0	---	---	24
25	---	---	1.23 B	0.010	0.012	0	0	0	0	0	---	---	25
26	---	---	1.00 B	0.007	0.001	0	0	0	0	0	---	---	26
27	---	---	1.50 B	0.007	0	0	0	0	0	0	---	---	27
28	---	---	2.50 B	0.135	0	0	0	0	0	0	---	---	28
29	---		4.11 A	0.204	0	0	0	0	0	0	---	---	29
30	---		4.38	0.152	0	0	0	0	0	0	---	---	30
31	---		3.63		0		0	0		0		---	31
TOTAL	---	---	22.060	11.907	1.186	0.002	0.048	0	0	0	---	---	TOTAL
MEAN	---	---	0.712	0.397	0.038	0	0.002	0	0	0	---	---	MEAN
MAX	---	---	4.38	2.52	0.179	0.002	0.048	0	0	0	---	---	MAX
MIN	---	---	0	0.007	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.144
MAXIMUM DAILY, 4.38 ON MAR 30
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
5.12 AT 10:42 CST ON MAR 31

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 00 11 N
LONG 104 14 50 W
DRAINAGE AREA, 273 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4.15
FEB	---	AUG	0
MAR	1 910	SEP	0
APR	1 030	OCT	0
MAY	102	NOV	---
JUN	0.17	DEC	---

TOTAL DISCHARGE, 3 050 dam³

RADOUGA CREEK NEAR BLAINE LAKE - STATION NO. 05GE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	B	0.2548	0.204	0.236	0.001	0.019	0	0	0	---	1
2	---	---	0	B	0.3308	0.211	0.217	0.002	0.020	0	0	0	---	2
3	---	---	0	B	0.2808	0.223	0.175	0.003	0.018	0	0	0	---	3
4	---	---	0	B	0.3118	0.206	0.161	0.002E	0.014	0	0	---	---	4
5	---	---	0	B	0.3428	0.190	0.138	0.002E	0.013	0	0	---	---	5
6	---	---	0	B	0.393	0.213	0.140	0.001E	0.010	0	0	---	---	6
7	---	---	0	B	0.413	0.229	0.120	0.001E	0.007	0	0	---	---	7
8	---	---	0	B	0.416	0.228	0.124	0.001E	0.002	0	0	---	---	8
9	---	---	0	B	0.415	0.208	0.114	0.001E	0	0	0	---	---	9
10	---	---	0	B	0.401	0.265	0.104	0.002E	0	0	0	---	---	10
11	---	---	0	B	0.439	0.298	0.086	0.001	0	0	0	---	---	11
12	---	---	0.0018		0.409	0.378	0.074	0.004	0	0	0	---	---	12
13	---	---	0.0028		0.391	0.373	0.066	0.008	0	0	0	---	---	13
14	---	---	0.0048		0.389	0.341	0.065	0.016	0	0	0	---	---	14
15	---	---	0.0128		0.412	0.308	0.047	0.017	0	0	0	---	---	15
16	---	---	0.0218		0.394	0.319	0.048	0.022	0	0	0	---	---	16
17	---	---	0.0278		0.425	0.345	0.045	0.026	0	0	0	---	---	17
18	---	---	0.0368		0.451	0.385	0.051	0.034	0	0	0	---	---	18
19	---	---	0.0488		0.416	0.382	0.081	0.027	0	0	0	---	---	19
20	---	---	0.0638		0.397	0.381	0.063	0.026	0	0	0	---	---	20
21	---	---	0.0738		0.387	0.430	0.049	0.026	0	0	0	---	---	21
22	---	---	0.0628		0.394	0.425	0.026	0.029	0	0	0	---	---	22
23	---	---	0.0558		0.386	0.434	0.025	0.032	0	0	0	---	---	23
24	---	---	0.0318		0.368	0.413	0.017	0.025	0	0	0	---	---	24
25	---	---	0.0298		0.330	0.388	0.017	0.025	0	0	0	---	---	25
26	---	---	0.0508		0.285	0.359	0.018	0.017	0	0	0	---	---	26
27	---	---	0.0958		0.237	0.318	0.014	0.022	0	0	0	---	---	27
28	---	---	0.1808		0.219	0.292	0.010	0.022	0	0	0	---	---	28
29	---		0.2208		0.209	0.300	0.004	0.022	0	0	0	---	---	29
30	---		0.2768		0.215	0.253	0.004	0.024	0	0	0	---	---	30
31	---		0.2258			0.224		0.020	0		0		---	31
TOTAL	---	---	1.510		10.708	9.521	2.340	0.463	0.103	0	0	---	---	TOTAL
MEAN	---	---	0.049		0.357	0.307	0.078	0.015	0.003	0	0	---	---	MEAN
MAX	---	---	0.276		0.451	0.434	0.238	0.034	0.020	0	0	---	---	MAX
MIN	---	---	0		0.209	0.190	0.004	0.001	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.101
MAXIMUM DAILY, 0.451 ON APR 18
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.835 AT 07.24 CST ON APR 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 41 37 N
LONG 105 52 28 W
DRAINAGE AREA, 1 150 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	40.0
FEB	---	AUG	6.90
MAR	130	SEP	0
APR	925	OCT	0
MAY	823	NOV	---
JUN	202	DEC	---

TOTAL DISCHARGE, 2 130 dam³

RADVILLE INDEX RESERVOIR - STATION NO. 05NA005

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	30.341A	---	---	30.133	30.214	30.011	30.018A	29.981	---	1
2	---	---	---	---	---	---	30.130	30.211	30.006	30.024	29.981	---	2
3	---	---	---	---	---	---	30.128	30.208	30.006	30.025	29.984	---	3
4	---	---	---	---	---	---	30.128	30.202	30.001	30.025	29.988A	---	4
5	---	---	30.407A	---	---	---	30.162A	30.196	29.992	30.024	---	---	5
6	---	---	---	---	---	---	30.160	30.190	29.986	30.027	---	---	6
7	---	---	---	---	---	---	30.155	30.183	29.980	30.024	---	---	7
8	---	---	---	---	---	---	30.150	30.181	29.975	30.019	---	---	8
9	---	---	---	---	---	---	30.141A	30.176	29.968	30.018	---	---	9
10	---	---	---	---	---	---	30.143A	30.169	29.972	30.019	---	---	10
11	---	---	---	---	---	---	30.171	30.164	29.977	30.013	---	---	11
12	---	---	---	---	---	---	30.322	30.160	29.975	30.011	---	---	12
13	---	---	---	---	---	---	30.359	30.152	29.968	30.014	---	---	13
14	---	---	---	---	---	---	30.346	30.150	29.965	30.013	---	---	14
15	---	---	---	---	---	---	30.330	30.142	29.964	30.014	---	---	15
16	---	---	---	---	---	---	30.317	30.132	29.964	30.013	---	---	16
17	---	---	---	---	---	---	30.308	30.122	29.964	30.012	---	---	17
18	---	---	---	---	---	---	30.297	30.115	29.962	30.011	---	---	18
19	---	---	---	---	---	---	30.286	30.108	29.963	30.009	---	---	19
20	---	---	---	---	---	---	30.280	30.096	29.979	30.008	---	---	20
21	---	---	---	---	---	---	30.277	30.090	29.988	30.010	---	---	21
22	---	---	---	---	---	---	30.270A	30.087	29.988	30.006	---	---	22
23	---	---	---	---	---	---	30.267A	30.078	29.987	30.003	---	---	23
24	---	---	---	---	---	30.167A	30.261	30.070	29.983	30.002	---	---	24
25	---	---	---	---	---	---	30.255	30.058	30.012	30.002	---	---	25
26	---	30.571A	30.365A	---	---	---	30.247	30.052	30.027	30.001	---	---	26
27	---	---	---	---	---	---	30.243	30.044	30.026	30.001	---	---	27
28	---	30.524E	---	---	30.284A	30.137A	30.244	30.040	30.024	29.996	---	---	28
29	---		---	30.289A	---	30.117	30.238	30.035	30.022A	29.992	---	---	29
30	---		---	30.289E	---	30.123	30.228	30.028	30.023A	29.991	---	---	30
31	---		30.345E		30.267E		30.220	30.021		29.988	---	---	31
MEAN	---	---	---	---	---	---	30.232	30.125	29.988	30.011	---	---	MEAN
MAX	---	---	---	---	---	---	30.359	30.214	30.027	30.027	---	---	MAX
MIN	---	---	---	---	---	---	30.128	30.021	29.962	29.988	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 31 35 N
LONG 104 16 50 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

RANCH CREEK ABOVE RANCH LAKE - STATION NO. 05MA025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.928	0.002	0	0	0	0	0	---	---	1
2	---	---	0 B	0.624	0.001	0	0	0	0	0	---	---	2
3	---	---	0 B	0.444	0.001	0	0	0	0	0	---	---	3
4	---	---	0 B	0.373	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.293	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.233	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.188	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.147	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.163	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.216	0.001	0	0	0	0	0	---	---	10
11	---	---	0 B	0.1178	0.002	0	0	0	0	0	---	---	11
12	---	---	0 B	0.0628	0.007	0	0	0	0	0	---	---	12
13	---	---	0 B	0.0528	0.005	0	0	0	0	0	---	---	13
14	---	---	0 B	0.0448	0.006	0	0	0	0	0	---	---	14
15	---	---	0 B	0.0378	0.008	0	0	0	0	0	---	---	15
16	---	---	0 B	0.0318	0.011	0	0	0	0	0	---	---	16
17	---	---	0.0598	0.0598	0.008	0	0	0	0	0	---	---	17
18	---	---	0 5838	0 068	0.006	0	0	0	0	0	---	---	18
19	---	---	0 4158	0.050	0.007	0	0	0	0	0	---	---	19
20	---	---	0.5598	0.044	0.008	0	0	0	0	0	---	---	20
21	---	---	0 6938	0.044	0.003	0	0	0	0	0	---	---	21
22	---	---	2.21 B	0.031	0.001	0	0	0	0	0	---	---	22
23	---	---	1.86 B	0.021	0.001	0	0	0	0	0	---	---	23
24	---	---	1.87 B	0.025	0.001	0	0	0	0	0	---	---	24
25	---	---	1.47 B	0.028	0.001	0	0	0	0	0	---	---	25
26	---	---	1.41 B	0.027	0	0	0	0	0	0	---	---	26
27	---	---	1.38 B	0.018	0	0	0	0	0	0	---	---	27
28	---	---	4.34 B	0.010	0	0	0	0	0	0	---	---	28
29	---		3.45 B	0.006	0	0	0	0	0	0	---	---	29
30	---		2.51 B	0.003	0	0	0	0	0	0	---	---	30
31	---		1.87 B		0		0	0		0		---	31
TOTAL	---	---	24.379	4.386	0.081	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.786	0.146	0.003	0	0	0	0	0	---	---	MEAN
MAX	---	---	4.34	0.928	0.011	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.003	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.118
MAXIMUM DAILY, 4.348 ON MAR 28
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
5.088 AT 14 38 CST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 24 19 N
LONG 104 47 19 W
DRAINAGE AREA, 170 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	2 110	SEP	0
APR	379	OCT	0
MAY	7.00	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 2 500 dam³

REMARKS - 1986 WAS THE FIRST YEAR OF OPERATION AT THIS LOCATION

RED DEER RIVER NEAR ARCHERWILL - STATION NO. 05LA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0.2278	3.19	3.15	0.381	0.014	0	0	0 B	---	1
2	---	---	0B	0.2738	3.32	2.72	0.609	0.018	0	0	0 B	---	2
3	---	---	0B	0.2868	3.55	3.51	1.15	0.021	0	0.002	0 B	---	3
4	---	---	0B	0.2958	2.82	5.97	0.200	0.017	0	0.001	0 B	---	4
5	---	---	0B	0.2988	2.53	9.09	0.278	0.034	0	0.003	0.0018	---	5
6	---	---	0B	0.3228	2.73	8.30	0.537	0.013	0	0.002	---	---	6
7	---	---	0B	0.3388	3.04	7.88	0.610	0.007	0	0	---	---	7
8	---	---	0B	2.03 B	2.91	7.00	0.045	0.003	0	0	---	---	8
9	---	---	0B	4.25	2.80	2.36	0.182	0.002	0	0	---	---	9
10	---	---	0B	2.81	3.53	2.21	0.241	0.001	0	0	---	---	10
11	---	---	0B	3.84	2.99	2.71	0.306	0.001	0	0	---	---	11
12	---	---	0B	5.91	2.91	1.33	0.283	0.001	0	0	---	---	12
13	---	---	0B	10.4	3.32	1.51	0.279	0	0	0	---	---	13
14	---	---	0B	8.81	3.04	1.86	0.309	0	0	0	---	---	14
15	---	---	0B	8.48	3.06	1.38	1.05	0	0	0	---	---	15
16	---	---	0B	3.49	2.59	1.42	0.528	0	0	0	---	---	16
17	---	---	0B	1.69	2.81	1.52	0.675	0	0	0	---	---	17
18	---	---	0B	1.81	2.87	1.28	0.259	0	0	0.053	---	---	18
19	---	---	0B	3.91	3.02	1.34	0.085	0	0	0.202	---	---	19
20	---	---	0B	2.32	2.91	1.28	0.076	0	0	0.170	---	---	20
21	---	---	0B	2.80	3.34	0.939	0.077	0	0	0.170	---	---	21
22	---	---	0B	2.75	2.99	0.691	0.135	0	0.007	0.001	---	---	22
23	---	---	0B	2.78	2.17	2.10	0.125	0	0.001	0	---	---	23
24	---	---	0B	3.02	2.05	5.22	0.040	0.088	0	0	---	---	24
25	---	---	0B	3.07	3.72	3.77	0.082	0.002	0	0	---	---	25
26	---	---	0B	2.95	5.01	2.86	0.044	0	0.003	0	---	---	26
27	---	---	0B	3.05	5.05	0.388	0.080	0	0.001	0	---	---	27
28	---	---	0B	3.08	4.34	0.333	0.101	0	0.033	0	---	---	28
29	---		0B	3.21	3.86	0.455	0.181	0	0.104	0	---	---	29
30	---		0B	3.14	3.30	0.491	0.071	0	0.001	0	---	---	30
31	---		0B		2.77		0.016	0		0		---	31
TOTAL	---	---	0	90.618	98.54	84.655	8.915	0.202	0.150	0.604	---	---	TOTAL
MEAN	---	---	0	3.02	3.18	2.82	0.288	0.007	0.005	0.019	---	---	MEAN
MAX	---	---	0	10.4	5.05	9.09	1.15	0.088	0.104	0.202	---	---	MAX
MIN	---	---	0	0.227	2.05	0.333	0.016	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.16
MAXIMUM DAILY, 10.4 ON APR 13
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
12.0 AT 20.22 CST ON APR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 26 05 N
LONG 103 41 49 W
DRAINAGE AREA, 1 870 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	770
FEB	---	AUG	17.5
MAR	0	SEP	13.0
APR	7 830	OCT	52.2
MAY	8 510	NOV	---
JUN	7 310	DEC	---

TOTAL DISCHARGE, 24 500 dam³

RED DEER RIVER NEAR ERWOOD - STATION NO. 05LC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.02 B	1.25 B	0.2528	21.48	42.1	22.0	7.81	4.09	0.983	4.55	1.77	1.44 B	1
2	0.8628	1.27 B	0.2858	16.38	40.8	20.2	6.49	4.81	0.875	5.28	2.07	1.61 B	2
3	0.7838	1.28 B	0.3548	26.08	40.0	18.9	5.51	6.03	1.01	5.22	1.84	1.72 B	3
4	0.7688	1.30 B	0.4358	33.68	38.6	17.8	4.54	8.16	0.878	5.01	2.00	1.70 B	4
5	0.7688	1.28 B	0.5488	34.38	37.4	17.1	5.18	5.89	0.782	4.73	2.21	1.64 B	5
6	0.8598	1.28 B	0.4758	83.48	37.3	16.7	5.89	6.05	0.700	4.58	2.53	1.52 B	6
7	0.8368	1.31 B	0.3368	137	34.8	17.3	5.96	5.35	0.696	4.41	2.72	1.30 B	7
8	1.03 B	1.18 B	0.2308	167	33.4	19.1	8.59	6.46	0.632	4.09	2.01 B	1.30 B	8
9	1.17 B	1.01 B	0.2258	187	32.6	21.2	8.14	6.19	0.935	3.98	2.68 B	1.38 B	9
10	1.27 B	0.9588	0.2098	197	34.1	22.1	8.37	5.71	0.865	3.94	1.90 B	1.38 B	10
11	1.38 B	0.8468	0.1508	183	38.3	22.5	7.99	5.63	0.818	3.73	1.68 B	1.42 B	11
12	1.49 B	0.6578	0.1418	120	44.1	22.9	7.28	5.61	0.854	3.54	1.11 B	1.43 B	12
13	1.67 B	0.5468	0.1608	88.4	49.5	20.1	6.59	5.08	0.632	3.92	0.8648	1.48 B	13
14	1.67 B	0.5218	0.1608	87.0	53.9	18.9	6.02	4.35	0.781	3.64	0.9988	1.47 B	14
15	1.57 B	0.4508	0.1688	78.3	57.2	20.3	6.24	3.84	0.725	3.42	0.9948	1.42 B	15
16	1.56 B	0.3568	0.4548	70.0	63.5	19.2	5.90	3.41	0.705	3.33	1.03 B	1.40 B	16
17	1.43 B	0.3558	0.8188	68.7	71.4	17.6	5.83	3.09	0.688	3.27	1.12 B	1.37 B	17
18	0.9738	0.2668	0.5768	84.3	72.8	16.6	6.95	2.83	0.637	3.37	1.04 B	1.29 B	18
19	0.8428	0.1998	0.5488	59.8	67.3	15.0	7.43	2.91	0.637	3.27	1.03 B	1.20 B	19
20	0.9068	0.1318	0.4888	56.6	61.3	13.7	7.93	3.45	0.641	3.15	1.08 B	0.9768	20
21	0.9588	0.1088	0.7078	53.5	55.9	12.6	8.05	2.91	0.724	3.06	1.29 B	0.8378	21
22	1.08 B	0.0938	1.45 B	52.6	50.7	11.4	8.07	2.43	0.807	2.88	1.58 B	0.8088	22
23	1.17 B	0.0928	0.7488	52.9	45.6	10.3	7.44	2.02	0.861	2.91	1.57 B	0.8068	23
24	1.18 B	0.0878	0.6248	54.0	42.2	9.59	6.78	1.82	0.940	2.88	1.80 B	0.8268	24
25	1.15 B	0.1098	0.6488	54.7	38.1	10.1	5.98	1.85	0.915	2.80	1.97 B	0.7878	25
26	1.15 B	0.1208	0.7568	53.8	34.4	9.25	5.50	1.84	1.05	2.66	1.90 B	0.7908	26
27	1.18 B	0.1488	0.8418	50.8	30.8	8.30	4.92	1.63	1.47	2.56	1.82 B	0.7108	27
28	1.12 B	0.2068	3.32 B	47.9	28.6	8.10	4.60	1.46	1.60	2.67	1.73 B	0.7138	28
29	1.08 B		5.81 B	45.0	27.8	8.88	4.31	1.31	2.84	2.49	1.66 B	0.7878	29
30	1.12 B		8.01 B	42.7	26.2	9.08	3.90	1.19	4.15	2.35	1.53 B	0.8588	30
31	1.19 B		13.7 B		24.4		3.89	1.10		1.97		0.9248	31
TOTAL	35.005	17.418	43.622	2 284.9	1 355.2	479.21	186.19	117.79	31.293	109.84	49.526	37.281	TOTAL
MEAN	1.13	0.622	1.41	73.5	43.7	16.0	6.33	3.80	1.04	3.54	1.65	1.20	MEAN
MAX	1.67	1.31	13.7	197	72.8	22.9	8.37	6.46	4.15	5.28	2.72	1.72	MAX
MIN	0.859	0.092	0.141	16.3	24.4	8.10	3.89	1.10	0.637	1.97	0.864	0.710	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.0
MAXIMUM DAILY, 197 ON APR 9
MINIMUM DAILY, 0.0928 ON FEB 23
MAXIMUM INSTANTANEOUS,
240 AT 19:18 CST ON APR 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 51 36 N
LONG 102 11 39 W
DRAINAGE AREA, 11 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 020	JUL	17 000
FEB	1 500	AUG	10 200
MAR	3 770	SEP	2 700
APR	196 000	OCT	9 470
MAY	117 000	NOV	4 280
JUN	41 400	DEC	3 220

TOTAL DISCHARGE, 410 000 dam³

RED DEER RIVER NEAR STEEN - STATION NO. 05LB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1508	0.9868	6.86	4.20	0.525	0.253	0.018	0.082	0.094	---	1
2	---	---	0.1508	1.89 B	6.83	4.07	0.460	0.222	0.017	0.078	0.111	---	2
3	---	---	0.1518	3.27 B	6.56	3.81	0.488	0.247	0.018	0.072	0.140	---	3
4	---	---	0.1528	2.27 B	6.44	3.81	0.459	0.184	0.017	0.070	0.131	---	4
5	---	---	0.1538	2.47 B	6.07	5.39	0.638	0.153	0.017	0.065	0.135A	---	5
6	---	---	0.1558	5.71 B	5.85	7.78	0.670	0.156	0.018	0.081	---	---	6
7	---	---	0.1518	10.1 B	5.83	7.93	0.585	0.166	0.012	0.082	---	---	7
8	---	---	0.1358	18.3 B	5.78	7.48	0.455	0.172	0.005	0.083	---	---	8
9	---	---	0.1438	19.1 B	5.74	6.89	0.523	0.171	0.001	0.101	---	---	9
10	---	---	0.1888	18.1	6.35	4.07	0.482	0.170	0	0.095	---	---	10
11	---	---	0.1878	17.6 E	6.90	3.08	0.455	0.151	0	0.087	---	---	11
12	---	---	0.1668	18.8 E	6.79	2.97	0.393	0.149	0.002	0.080	---	---	12
13	---	---	0.1798	21.3 E	6.75	2.88	0.384	0.155	0.004	0.082	---	---	13
14	---	---	0.1848	21.2 E	6.80	2.84	0.437	0.147	0.001	0.087	---	---	14
15	---	---	0.1818	20.1 A	6.52	2.92	0.434	0.141	0.001	0.097	---	---	15
16	---	---	0.1888	16.7	6.55	3.03	0.442	0.134	0.004	0.084	---	---	16
17	---	---	0.2098	12.5	6.32	3.19	0.506	0.128	0.010	0.086	---	---	17
18	---	---	0.2268	9.81	5.98	3.25	0.680	0.109	0.017	0.087	---	---	18
19	---	---	0.2058	8.90	5.87	3.42	0.690	0.090	0.016	0.089	---	---	19
20	---	---	0.2028	9.20	5.77	3.51	0.575	0.074	0.042	0.084	---	---	20
21	---	---	0.2178	9.08	5.65	3.60	0.470	0.072	0.059	0.084	---	---	21
22	---	---	0.2308	8.24	5.30	3.66	0.360	0.051	0.084	0.077	---	---	22
23	---	---	0.2448	8.06	4.91	3.67	0.290	0.035	0.084	0.073	---	---	23
24	---	---	0.1618	8.18	4.72	3.53	0.285	0.034	0.073	0.077	---	---	24
25	---	---	0.2128	7.98	4.48	1.82	0.247	0.038	0.081	0.085	---	---	25
26	---	---	0.1218	7.86	5.06	1.86	0.234	0.031	0.092	0.089	---	---	26
27	---	---	0.1478	7.46	6.26	2.02	0.248	0.028	0.080	0.082	---	---	27
28	---	---	0.2188	7.12	6.21	1.54	0.278	0.031	0.128	0.088	---	---	28
29	---	---	0.1208	6.98	5.72	0.871	0.228	0.034	0.108	0.076	---	---	29
30	---	---	0.1028	6.83	5.10	0.728	0.216	0.028	0.094	0.080	---	---	30
31	---	---	0.2948		4.80		0.227	0.027		0.084	---	---	31
TOTAL	---	---	5.482	314.978	183.87	110.200	13.284	3.577	1.059	2.598	---	---	TOTAL
MEAN	---	---	0.177	10.5	5.93	3.67	0.428	0.115	0.035	0.084	---	---	MEAN
MAX	---	---	0.294	21.3	6.90	7.93	0.690	0.253	0.128	0.101	---	---	MAX
MIN	---	---	0.102	6.83	4.48	0.728	0.216	0.026	0	0.065	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.58
MAXIMUM DAILY, 21.3E ON APR 13
MINIMUM DAILY, 0 ON SEP 10
MAXIMUM INSTANTANEOUS,
24.58 AT 14:48 CST ON APR 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 39 16 N
LONG 103 30 56 W
DRAINAGE AREA, 3 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 150
FEB	---	AUG	309
MAR	474	SEP	81.5
APR	27 200	OCT	224
MAY	15 900	NOV	---
JUN	9 520	DEC	---

TOTAL DISCHARGE, 54 900 dam³

REDBERRY LAKE NEAR KRYDOR - STATION NO. 05GD003

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	504.543	504.489	504.595	---	---	---	---	1
2	---	---	---	---	---	504.541	504.487	504.595	---	---	---	---	2
3	---	---	---	---	---	504.538	504.483	504.594	---	---	---	---	3
4	---	---	---	---	---	504.536	504.481	504.592	---	---	---	---	4
5	---	---	---	---	---	504.532	504.480	504.592	---	---	---	---	5
6	---	---	---	---	---	504.529	504.478	504.595	---	---	504.394	---	6
7	---	---	---	---	---	504.528	504.477	504.591	---	---	---	---	7
8	---	---	---	---	---	504.525	504.476	504.588	---	---	---	---	8
9	---	---	---	---	---	504.523	504.475	504.587	---	---	---	---	9
10	---	---	---	---	---	504.522	504.477	504.586	---	---	---	---	10
11	---	---	---	---	---	504.521	504.525	504.583	---	---	---	---	11
12	---	---	---	---	---	504.519	504.528	504.581	---	---	---	---	12
13	---	---	---	---	---	504.518	504.588	504.577E	---	---	---	---	13
14	---	---	---	---	---	504.517	504.593	504.574	---	---	---	---	14
15	---	---	---	---	---	504.517	504.583	504.571	---	---	---	---	15
16	---	---	---	---	---	504.515	504.594	504.564	---	---	---	---	16
17	---	---	---	---	---	504.515E	504.611	504.556	---	---	---	---	17
18	---	---	---	---	---	504.515E	504.613	504.552	---	---	---	---	18
19	---	---	---	---	---	504.516	504.615	504.549	---	---	---	---	19
20	---	---	---	---	504.562	504.513	504.615	504.545	---	---	---	---	20
21	---	---	---	---	504.565	504.509	504.613	504.539E	---	---	---	---	21
22	---	---	---	---	504.564	504.503	504.610	504.533	---	---	---	---	22
23	---	---	---	---	504.563	504.502	504.607	504.528	---	---	---	---	23
24	---	---	---	---	504.561	504.500	504.605	504.525	---	---	---	---	24
25	---	---	---	---	504.557	504.498	504.603	504.521	---	---	---	---	25
26	---	---	---	---	504.555	504.497	504.603	504.517	---	---	---	---	26
27	---	---	---	---	504.553	504.497	504.602	504.515	---	---	---	---	27
28	---	---	---	---	504.551	504.494	504.600	504.512	---	---	---	---	28
29	---		---	---	504.547	504.492	504.599	504.508	---	---	---	---	29
30	---		---	---	504.546	504.491	504.598	504.504	---	---	---	---	30
31	---		---		504.544		504.597	504.494		---		---	31
MEAN	---	---	---	---	---	504.518	504.558	504.557	---	---	---	---	MEAN
MAX	---	---	---	---	---	504.543	504.615	504.595	---	---	---	---	MAX
MIN	---	---	---	---	---	504.491	504.475	504.494	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 504.615 ON JUL 19

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 41 49 N
LONG 107 06 23 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REID LAKE NEAR DUNCAIRN - STATION NO. 05HD033

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	803.648	803.683	804.971	806.104	806.219	806.373	805.951	805.294	805.064	805.101	805.224A	805.238	1
2	803.644	803.683	805.173	806.098	806.227	806.340	805.947	805.285	805.060	805.114	805.228	805.240	2
3	803.641	803.682	805.331	806.124	806.237	806.313	805.934	805.278	805.051	805.135	805.229	805.238	3
4	803.640	803.684	805.440	806.138	806.218	806.291	805.904	805.265	805.039	805.137	805.236	805.238	4
5	803.637	803.683	805.528	806.144	806.267	806.255	805.883	805.253	805.036	805.150	805.236	805.234	5
6	803.639	803.657	805.587A	806.150	806.276	806.231	805.851	805.246	805.038	805.160	805.240	805.237	6
7	803.638	803.657	805.633A	806.151	806.280	806.207	805.829	805.243	805.034	805.162	805.248A	805.236	7
8	803.636	803.658	805.663	806.165	806.285	806.177	805.799	805.232	805.026	805.172	805.244E	805.230A	8
9	803.634	803.655	805.693	806.169	806.297	806.148	805.764	805.223	805.019	805.183	805.242E	805.228A	9
10	803.632	803.655	805.724	806.161	806.327	806.134	805.746	805.218	805.021	805.178	805.241A	805.231	10
11	803.631	803.655	805.757	806.149A	806.340	806.116	805.717	805.216	805.025	805.182	805.239E	805.231	11
12	803.629	803.654	805.783	806.148E	806.370	806.091	805.693	805.211	805.007	805.188	805.238A	805.225	12
13	803.626	803.652	805.814	806.156A	806.400	806.078	805.665	805.204	805.003	805.193	805.237A	805.225	13
14	803.624	803.652	805.841	806.156A	806.417	806.063	805.637	805.202	804.998	805.197	805.236E	805.224	14
15	803.622	803.648	805.867	806.175A	806.420	806.060	805.610	805.190	805.000	805.202	805.235A	805.225	15
16	803.622	803.654	805.888	806.171	806.426	806.052	805.573	805.184	805.002	805.207	805.231	805.223	16
17	803.619	803.652	805.904	806.184	806.451	806.051	805.579	805.180	804.998	805.211	805.223A	805.218	17
18	803.618	803.649	805.922	806.187	806.462	806.055	805.534	805.173	804.995	805.212	805.223E	805.215A	18
19	803.622	803.648	805.930	806.191	806.474	806.051	805.506	805.158	804.992	805.214	805.226A	805.212A	19
20	803.624	803.648	805.945	806.195	806.486	806.036	805.489	805.148	805.003	805.217	805.229A	805.211A	20
21	803.626	803.645	805.971	806.203	806.486	806.031	805.468	805.141	805.020	805.218	805.228	805.211A	21
22	803.632	803.645	805.985	806.208	806.489	806.018	805.442	805.135	805.021	805.216	805.226	805.208	22
23	803.638	803.646	805.994	806.205	806.478	806.012	805.417	805.130	805.025	805.218	805.224A	805.207	23
24	803.645	803.648	806.001	806.208	806.475	806.008	805.393	805.120	805.017	805.222	805.227	805.205	24
25	803.651	803.737	806.012A	806.204	806.472	806.000	805.380	805.100	805.007	805.221	805.228	805.203	25
26	803.655	804.128	806.027A	806.208	806.471	805.987	805.369	805.096	805.060	805.223	805.231	805.201	26
27	803.658	804.443	806.046	806.215	806.462	805.978	805.364	805.098	805.061	805.227	805.231	805.198	27
28	803.657	804.700	806.062	806.228	806.444	805.972	805.352	805.092	805.068	805.218	805.233	805.198	28
29	803.657		806.074	806.225	806.426	805.961	805.339	805.090	805.077	805.211	805.233	805.195	29
30	803.659		806.092	806.218	806.410	805.960	805.324	805.080	805.087	805.218	805.237	805.198	30
31	803.662		806.099		806.384		805.306	805.067		805.218		805.200A	31
MEAN	803.638	803.739	805.799	806.176	806.383	806.102	805.805	805.178	805.028	805.191	805.233	805.215	MEAN
MAX	803.662	804.700	806.099	806.228	806.489	806.373	805.951	805.294	805.087	805.227	805.248	805.240	MAX
MIN	803.618	803.645	804.971	806.098	806.218	805.960	805.306	805.067	804.992	805.101	805.223	805.195	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 805.283
MAXIMUM DAILY, 806.489 ON MAY 22
MINIMUM DAILY, 803.618 ON JAN 18
MAXIMUM INSTANTANEOUS,
806.587 AT 00:46 CST ON MAY 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 25 N
LONG 108 02 47 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1945

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

REINDEER RIVER ABOVE DEVIL RAPIDS - STATION NO. 05DD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	510	561	563	510	402	167	122	90.9	49.2	398E	376	464	1
2	511	565	562	506	402	165	123	85.5	48.8	335E	373	466	2
3	514	568	558	504	404	160	124	82.3	47.2	290E	374	463	3
4	513	568	548	504	406	157	125	78.9	52.1	265E	374	459	4
5	512	568	547	504	410	158	125	76.8	57.6	254E	378	462	5
6	511	567	542	502	414	158	127	74.4	74.8	247E	377	463	6
7	514	564	539	501	417	153	136	72.1	81.7	240E	375	460	7
8	518	561	538	497	420	155	155	69.3	85.8	236E	374	465	8
9	527	561	537	498	422	156	162	66.7	89.6	232E	374	461	9
10	550	562	537	478	426	156	167	66.2	93.8	228E	372	462	10
11	559	561	535	428	428	157	171	66.0	98.0	225E	371	461	11
12	560	564	538	418	434	155	175	64.7	98.3	223E	372	458	12
13	561	560	538	409	441	155	175	63.2	100	221E	371	459	13
14	561	560	538	405	441	148	176	62.8	101	224E	377	462	14
15	560	557	539	401	444	127	178	61.0	102	252E	399	463	15
16	561	554A	537	400	442	120	179	57.7	103	270E	408	463	16
17	561	557	535	399	446	115	181	57.8	104	275E	410	464	17
18	557	553A	530	398	447	111	187	57.6	104	279E	411	460	18
19	560	553	525	397	447	111	189	55.4	104	280E	414	462	19
20	561	552	527	393	440	111	191	54.0	104	282E	416	435	20
21	556	553	528	396	440	107	191	54.9	104	284E	416	433	21
22	555	553	526	396	415	102	192	54.2	112	288E	419	433	22
23	551	553	520	395	332	101	194	56.0	185	294E	418	430	23
24	555	552	518	394	300	101	193	53.5	273	359A	422	432	24
25	554	559	518	396	284	104	180	51.2	472	372	426	429	25
26	549	562	520	398	275	112	151	51.0	537	378	447	429	26
27	554	564	522	400	257	116	138	50.7	545	382	459	430	27
28	554	563	522	400	212	118	130	51.2	540	384	459	430	28
29	553		520	402	193	120	119	51.2	536	379	458	429	29
30	549		517	403	178	122	104	51.0	534 A	379	461	431	30
31	551		515		172		96.4	48.0		380		430	31
TOTAL	16 883	15 675	16 539	13 034	11 591	3 998	4 857.4	1 937.3	5 544.9	9 133	12 083	13 928	TOTAL
MEAN	544	560	534	434	374	133	157	62.5	185	295	403	449	MEAN
MAX	561	568	563	510	447	167	194	90.9	545	398	461	466	MAX
MIN	510	552	515	393	172	101	96.4	48.0	47.2	221	371	429	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 343
MAXIMUM DAILY, 568 ON FEB 3
MINIMUM DAILY, 47.2 ON SEP 3
MAXIMUM INSTANTANEOUS,
570 AT 15:54 CST ON FEB 4

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 11 35 N
LONG 103 09 31 W
DRAINAGE AREA, 63 300 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1938

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 460 000	JUL	420 000
FEB	1 350 000	AUG	167 000
MAR	1 430 000	SEP	479 000
APR	1 130 000	OCT	789 000
MAY	1 000 000	NOV	1 040 000
JUN	345 000	DEC	1 200 000

TOTAL DISCHARGE, 10 800 000 dam³

REMARKS - DISCHARGES HAVE NOT BEEN ADJUSTED TO ACCOUNT FOR STORAGE CHANGES AFTER GATE ADJUSTMENTS AT WHITESAND DAM

REINDEER RIVER AT OUTLET OF REINDEER LAKE - STATION NO. 05DB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	419	451	432	416	318	107	85.0	19.0	20.0	198	315	408	1
2	418	449	432	416	317	107	85.0	18.0	19.0	197	322	406	2
3	420	447	432	416	320	107	85.0	18.0	20.0	198	317	405	3
4	420	445	432	413	323	108	88.0	18.0	54.0	198	317	406	4
5	417	446	434	413	320	107	88.0	18.0	75.0	198	317	406	5
6	417	447	434	413	320	107	88.0	18.0	75.0	198	317	405	6
7	414	445	430	413	320	108	113	19.0	83.0	198	317	406	7
8	416	444	431	413	321	109	131	19.0	75.0	199	317	406	8
9	434	444	429	411	322	110	135	19.0	76.0	191	318	405	9
10	460	444	428	372	323	110	135	19.0	76.0	198	318	403	10
11	459	441	429	311	323	110	135	19.0	76.0	198	318	403	11
12	459	439	428	317	326	110	135	19.0	76.0	198	318	399	12
13	455	441	428	317	326	110	135	19.0	75.0	195	316	400	13
14	458	440	426	316	334	79.0	136	19.0	75.0	198	334	399	14
15	457	441	428	317	334	54.0	138	19.0	74.0	196	387	400	15
16	456	438	425	316	334	54.0	137	19.0	76.0	238	382	401	16
17	456	437	425	315	331	54.0	137	19.0	76.0	268	358	399	17
18	456	435	425	315	331	55.0	137	20.0	74.0	268	361	384	18
19	457	437	422	316	323	55.0	135	20.0	75.0	268	384	367	19
20	456	435	422	315	317	54.0	135	20.0	76.0	266	361	366	20
21	453	434	425	317	317	55.0	138	20.0	75.0	265	361	386	21
22	453	434	422	316	260	54.0	139	20.0	108	265	359	387	22
23	453	434	420	315	160	55.0	139	19.0	217	280	381	370	23
24	453	434	420	316	159	55.0	139	18.0	404	324	381	370	24
25	453	434	419	316	160	72.0	58.0	20.0	495	320	388	367	25
26	453	434	417	316	161	83.0	51.0	20.0	490	320	409	367	26
27	451	434	416	316	120	83.0	51.0	20.0	487	320	406	366	27
28	453	434	417	318	105	85.0	51.0	20.0	487	320	404	366	28
29	449		416	316	106	84.0	32.0	20.0	487	315	405	369	29
30	449		416	316	105	86.0	18.0	20.0	485	315	405	367	30
31	449		416		107		18.0	20.0		315		368	31
TOTAL	13 778	12 318	13 178	10 422	8 234	3 527.0	3 228.0	598.0	5 058.0	7 825	10 504	12 013	TOTAL
MEAN	444	440	425	347	266	84.2	104	19.3	169	246	350	388	MEAN
MAX	460	451	434	416	334	110	139	20.0	495	324	409	406	MAX
MIN	414	434	416	311	105	54.0	18.0	18.0	19.0	191	315	366	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 273
MAXIMUM DAILY, 495 ON SEP 25
MINIMUM DAILY, 18.0 ON JUL 30

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 56 14 00 N
LONG 103 09 00 W
DRAINAGE AREA, 60 500 km²

REGULATED SINCE 1929

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 190 000	JUL	279 000
FEB	1 080 000	AUG	51 700
MAR	1 140 000	SEP	437 000
APR	800 000	OCT	659 000
MAY	711 000	NOV	908 000
JUN	216 000	DEC	1 040 000

TOTAL DISCHARGE, 8 590 000 dam³

DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

RICHARDSON DITCH NEAR CONSUL - STATION NO. 11AB058

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.403	0	0	0	0	---	---	1
2	---	---	0	0	0	0.483	0	0	0	0	---	---	2
3	---	---	0	0	0	0.337	0	0	0	0	---	---	3
4	---	---	0	0	0	0.092	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0.655A	0	0	0	0	0	---	---	20
21	---	---	0	0	1.20	0	0	0	0	0	---	---	21
22	---	---	0	0	1.43	0	0	0	0	0	---	---	22
23	---	---	0	0	1.38	0	0	0	0	0	---	---	23
24	---	---	0	0	1.40	0	0	0	0	0	---	---	24
25	---	---	0	0	1.44	0	0	0	0	0	---	---	25
26	---	---	0	0	1.44	0	0	0	0	0	---	---	26
27	---	0	0	0	1.43	0	0	0	0	0	---	---	27
28	---	0	0	0	1.42	0	0	0	0	0	---	---	28
29	---		0	0	1.36	0	0	0	0	0	---	---	29
30	---		0	0	0.498	0	0	0	0	0	---	---	30
31	---		0		0.184		0	0		0		---	31
TOTAL	---	---	0	0	13.827	1.225	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.446	0.041	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	1.44	0.483	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.061
MAXIMUM DAILY, 1.44 ON MAY 25
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 50 N
LONG 109 32 12 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	1 180	NOV	---
JUN	106	DEC	---

TOTAL DISCHARGE, 1 300 dam³

RIDALLS TRIBUTARY BELOW GREENLEIGH RESERVOIR - STATION NO. 05HF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:01 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 17 51 N
LONG 108 27 13 W
DRAINAGE AREA, 35.1 km²

REGULATED

REMARKS - STATION DISCONTINUED AFTER THE 1986 SEASON

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

RIDGE CREEK NEAR BRIDGEFORD - STATION NO. 05JG013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0019	4.30 B	0.1008	0.014	0.004	0	0	0	0.002	0.010E	---	1
2	---	0.0108	3.26 B	0.058	0.011	0.004	0	0	0	0.003	0.014E	---	2
3	---	0.0089	2.36 B	0.086	0.009	0.001	0	0	0	0.002	0.015A	---	3
4	---	0.0058	1.49 B	0.054	0.011	0.001	0	0	0	0.003	---	---	4
5	---	0.0049	0.2638	0.047	0.063	0.001	0	0	0	0.003	---	---	5
6	---	0.0038	0.2308	0.038	0.107	0.003	0	0	0	0.004	---	---	6
7	---	0.0028	0.2108	0.042	0.118	0.003	0	0	0	0.005	---	---	7
8	---	0.0028	0.1888	0.033	0.100	0.003	0	0	0	0.005	---	---	8
9	---	0.0018	0.1548	0.033	0.086	0.002	0	0	0	0.004	---	---	9
10	---	0.0018	0.1388	0.035	0.102	0.002	0	0	0	0.004	---	---	10
11	---	0.0018	0.1508	0.033	0.147	0.002	0	0	0	0.004	---	---	11
12	---	0.0018	0.1428	0.024	0.188	0.001	0	0	0	0.004	---	---	12
13	---	0.0018	0.1518	0.028	0.123	0.001	0	0	0	0.004	---	---	13
14	---	0.0018	0.2268	0.027	0.074	0.001	0	0	0	0.004	---	---	14
15	---	0.0018	0.1568	0.029	0.058	0.001	0	0	0	0.004	---	---	15
16	---	0.0018	0.1658	0.028	0.080	0.001	0	0	0	0.003	---	---	16
17	---	0.0018	0.1068	0.032	0.068	0.002	0	0	0	0.004	---	---	17
18	---	0.0018	0.0568	0.030	0.080	0.002	0	0	0	0.004	---	---	18
19	---	0.0018	0.0628	0.026	0.066	0.001	0	0	0	0.003	---	---	19
20	---	0.0018	0.0628	0.027	0.051	0.001	0	0	0	0.003	---	---	20
21	---	0.0018	0.0878	0.026	0.044	0.001	0	0	0	0.003	---	---	21
22	---	0.0018	0.0418	0.029	0.041	0.001	0	0	0	0.004	---	---	22
23	---	0.0018	0.0508	0.029	0.055	0	0	0	0	0.003	---	---	23
24	---	0.0018	0.0328	0.030	0.054	0	0	0	0	0.003	---	---	24
25	---	0.0098	0.0318	0.025	0.041	0	0	0	0	0.003	---	---	25
26	---	0.5888	0.0858	0.027	0.034	0	0	0	0	0.005	---	---	26
27	---	3.86 B	0.1388	0.026	0.026	0	0	0	0.002	0.004	---	---	27
28	---	4.33 B	0.1388	0.024	0.021	0	0	0	0.004	0.004A	---	---	28
29	---		0.1288	0.025	0.014	0	0	0	0.003	0.004E	---	---	29
30	---		0.1238	0.019	0.009	0	0	0	0.003	0.004E	---	---	30
31	---		0.1058		0.007		0	0		0.007E	---	---	31
TOTAL	---	8.639	14.847	1.042	1.881	0.039	0	0	0.012	0.116	---	---	TOTAL
MEAN	---	0.309	0.479	0.035	0.061	0.001	0	0	0	0.004	---	---	MEAN
MAX	---	4.33	4.30	0.100	0.188	0.004	0	0	0.004	0.007	---	---	MAX
MIN	---	0.001	0.031	0.019	0.007	0	0	0	0	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.097
MAXIMUM DAILY, 4.330 ON FEB 28
MINIMUM DAILY, 0 ON JUN 23
MAXIMUM INSTANTANEOUS,
4.888 AT 21:50 CST ON FEB 28

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 57 05 N
LONG 106 19 46 W
DRAINAGE AREA, 450 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	746	AUG	0
MAR	1 280	SEP	1 04
APR	90.0	OCT	10.0
MAY	163	NOV	---
JUN	3.37	DEC	---

TOTAL DISCHARGE, 2 290 dam³

REMARKS - SIGNIFICANT RUNOFF INCLUDING THE PEAK DISCHARGE OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

ROCK CREEK BELOW HORSE CREEK NEAR INTERNATIONAL BOUNDARY - STATION NO. 11AE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0138	0.0188	2.838	0.991	0.138	0.085	0.031	0.007	0	0.221	0.146	0.0858	1
2	0.0138	0.0178	14.2 B	0.736	0.127	0.079	0.042	0.005	0	1.36	0.144	0.0858	2
3	0.0118	0.0188	22.7 B	0.566	0.119	0.068	0.048	0.005	0	1.64	0.142	0.0578	3
4	0.0108	0.0178	18.4 B	0.481	0.108	0.065	0.037	0.004	0	0.834	0.136	0.0488	4
5	0.0088	0.0178	26.3 B	0.396	0.204	0.059	0.040	0.004	0.003	0.610	0.138	0.0518	5
6	0.0108	0.0148	24.1 B	0.311	1.38	0.059	0.031	0.004	0.003	0.283	0.138	0.0518	6
7	0.0118	0.0138	9.818	0.283	3.17	0.062	0.028	0.004	0.002	0.244	0.136	0.0518	7
8	0.0138	0.0118	5.668	0.283	1.76	0.065	0.028	0.003	0.002	0.176	0.1278	0.0518	8
9	0.0148	0.0088	8.508	0.263	5.18	0.076	0.054	0.002	0.020	0.207	0.1138	0.0458	9
10	0.0138	0.0078	12.7 B	0.238	8.27	0.074	1.93	0.003	0.031	0.311	0.0998	0.0408	10
11	0.0118	0.0088	14.2 B	0.218	2.61	0.184	3.14	0.003	0.042	0.235	0.0858	0.0428	11
12	0.0138	0.0068	12.7 B	0.218	1.59	0.125	1.02	0.003	0.156	0.238	0.0718	0.0428	12
13	0.0118	0.0108	9.918	0.252	1.10	0.088	0.651	0.003	0.091	0.238	0.0748	0.0428	13
14	0.0118	0.0068	13.0	0.178	0.793	0.065	0.261	0.003	0.059	0.229	0.0798	0.0428	14
15	0.0138	0.0108	9.97	0.178	0.566	0.059	0.167	0.002	0.054	0.229	0.0788	0.0428	15
16	0.0148	0.0118	6.85	0.167	0.453	0.051	0.102	0.002	0.048	0.221	0.0798	0.0428	16
17	0.0178	0.0118	4.90	0.204	0.396	0.042	0.062	0.001	0.068	0.218	0.0748	0.0428	17
18	0.0148	0.0108	3.17	0.244	0.311	0.040	0.045	0.001	0.161	0.210	0.0688	0.0428	18
19	0.0138	0.0068	1.98	0.278	0.280	0.040	0.037	0.001	0.125	0.207	0.0628	0.0428	19
20	0.0118	0.0078	1.61	0.311	0.246	0.031	0.031	0	0.210	0.196	0.0628	0.0408	20
21	0.0108	0.0088	1.76	0.258	0.224	0.031	0.027	0	2.32	0.188	0.0658	0.0408	21
22	0.0118	0.0088	5.61	0.221	0.193	0.028	0.022	0	2.49	0.190	0.0658	0.0428	22
23	0.0138	0.0118	4.58	0.201	0.184	0.027	0.020	0	0.878	0.167	0.0658	0.0428	23
24	0.0138	0.0118	2.80	0.184	0.173	0.025	0.018	0	0.368	0.178	0.0688	0.0428	24
25	0.0138	0.0148	2.66	0.176	0.161	0.022	0.017	0	0.241	0.176	0.0688	0.0428	25
26	0.0118	0.0288	1.98	0.170	0.153	0.018	0.015	0	0.651	0.170	0.0688	0.0428	26
27	0.0148	0.1428	1.33	0.170	0.153	0.016	0.014	0	1.38	0.170	0.0688	0.0428	27
28	0.0168	0.2628	1.36	0.167	0.150	0.016	0.012	0	0.680	0.161	0.0688	0.0428	28
29	0.0148		1.90	0.150	0.136	0.027	0.011	0	0.340	0.181	0.0688	0.0428	29
30	0.0158		1.70	0.142	0.119	0.039	0.010	0	0.198	0.153	0.0658	0.0428	30
31	0.0178		1.30		0.102		0.008	0		0.153		0.0428	31
TOTAL	0.392	0.734	252.98	8.836	30.837	1.655	7.939	0.080	10.831	10.006	2.714	1.402	TOTAL
MEAN	0.013	0.026	8.16	0.284	0.995	0.055	0.256	0.002	0.394	0.323	0.090	0.045	MEAN
MAX	0.017	0.263	26.3	0.991	8.27	0.184	3.14	0.007	2.49	1.64	0.146	0.065	MAX
MIN	0.008	0.007	1.30	0.142	0.102	0.016	0.008	0	0	0.153	0.062	0.040	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.697
MAXIMUM DAILY, 26.30 ON MAR 5
MINIMUM DAILY, 0 ON AUG 30

DATA CONTRIBUTED BY -
UNITED STATES GEOLOGICAL SURVEY

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 10 N
LONG 106 50 20 W
DRAINAGE AREA, 839 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33.9	JUL	686
FEB	63.4	AUG	5.18
MAR	21 800	SEP	910
APR	765	OCT	865
MAY	2 640	NOV	234
JUN	163	DEC	121

TOTAL DISCHARGE, 26 300 dam³

ROMANCE CREEK NEAR WATSON - STATION NO. 05MA016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	3.07	0.147	0	0	0	0	0	---	---	1
2	---	---	0 B	2.08	0.157	0	0	0	0	0	---	---	2
3	---	---	0 B	1.35	0.037	0	0	0	0	0	---	---	3
4	---	---	0 B	1.38	0.012	0	0	0	0	0	---	---	4
5	---	---	0.0018	1.12	0.017	0	0	0	0	0	---	---	5
6	---	---	0 B	0.993	0.011	0	0	0	0	0	---	---	6
7	---	---	0 B	0.852	0.007	0	0	0	0	0	---	---	7
8	---	---	0 B	0.684	0.003	0	0	0	0	0	---	---	8
9	---	---	0 B	0.547	0.004	0	0	0	0	0	---	---	9
10	---	---	0 B	0.451	0.015	0	0	0	0	0	---	---	10
11	---	---	0 B	0.372	0.014	0	0	0	0	0	---	---	11
12	---	---	0 B	0.2308	0.014	0	0	0	0	0	---	---	12
13	---	---	0.0058	0.1478	0.009	0	0	0	0	0	---	---	13
14	---	---	0.1198	0.1608	0.025	0	0	0	0	0	---	---	14
15	---	---	0.1838	0.151	0.031	0	0	0	0	0	---	---	15
16	---	---	0.3248	0.138	0.017	0	0	0	0	0	---	---	16
17	---	---	0.4628	0.136	0.008	0	0	0	0	0	---	---	17
18	---	---	0.3588	0.121	0.003	0	0	0	0	0	---	---	18
19	---	---	0.1168	0.078	0.001	0	0	0	0	0	---	---	19
20	---	---	0.0238	0.058	0.001	0	0	0	0	0	---	---	20
21	---	---	0.0768	0.047	0	0	0	0	0	0	---	---	21
22	---	---	0.3228	0.036	0	0	0	0	0	0	---	---	22
23	---	---	0.3758	0.024	0	0	0	0	0	0	---	---	23
24	---	---	0.3628	0.027	0	0	0	0	0	0	---	---	24
25	---	---	0.2938	0.026	0	0	0	0	0	0	---	---	25
26	---	---	0.5058	0.021	0	0	0	0	0	0	---	---	26
27	---	---	0.5908	0.018	0	0	0	0	0	0	---	---	27
28	---	---	1.06 B	0.016	0	0	0	0	0	0	---	---	28
29	---		1.01 B	0.015	0	0	0	0	0	0	---	---	29
30	---		3.06 B	0.011	0	0	0	0	0	0	---	---	30
31	---		4.78 B		0		0	0		0		---	31
TOTAL	---	---	14.054	14.377	0.523	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.453	0.479	0.017	0	0	0	0	0	---	---	MEAN
MAX	---	---	4.78	3.07	0.157	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.011	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.116
MAXIMUM DAILY, 4.78B ON MAR 31
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
5.53B AT 04:30 CST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 59 37 N
LONG 104 33 11 W
DRAINAGE AREA, 506 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1 210	SEP	0
APR	1 240	OCT	0
MAY	45.2	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 2 500 dam³

ROUGHBARK RESERVOIR NEAR WEYBURN - STATION NO. 05NB015

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	564.322E	564.310E	564.423E	565.486	565.414	565.472	565.783	565.805	565.699	565.677	565.632	565.614A	1
2	---	---	564.445E	565.485	565.412	565.470	565.785	565.802	565.699	565.679	565.630	---	2
3	564.322A	---	564.456E	565.487	565.412	565.467	565.787	565.799	565.692	565.678	565.631	---	3
4	---	564.309A	564.469E	565.488	565.411	565.460	565.788	565.803	565.680	565.676	565.633	---	4
5	---	---	564.479A	565.489	565.432	565.453	565.813	565.822	565.675	565.676	565.634	---	5
6	---	---	564.489E	565.491	565.462	565.445	565.804	565.838	565.669	565.678	565.630A	---	6
7	---	---	564.533E	565.486	565.484	565.440	565.801	565.840	565.665	565.677	---	---	7
8	---	---	564.580E	565.480	565.463	565.431	565.795A	565.838	565.659	565.673	---	---	8
9	---	---	564.820E	565.476	565.480	565.437	565.789E	565.831	565.651	565.668	---	---	9
10	---	---	564.919E	565.473	565.503	565.436	565.784E	565.826	565.656	565.662	---	---	10
11	---	---	564.993E	565.478	565.505	565.431	565.778E	565.823	565.657	565.658	---	---	11
12	---	---	565.044E	565.471	565.523	565.422	565.792E	565.818	565.653	565.657	---	---	12
13	---	---	565.090E	565.468	565.556	565.411	565.793E	565.80[illegible]	565.650	565.658	---	---	13
14	---	---	565.134E	565.474	565.602	565.404	565.784E	565.801A	565.648	565.653	---	---	14
15	---	---	565.177E	565.489	565.647	565.409	565.784E	565.791A	565.645	565.655	---	---	15
16	---	---	565.219E	565.466	565.688	565.416	565.784E	565.783A	565.647	565.656	---	---	16
17	---	---	565.264E	565.470	565.730	565.414	565.812E	565.776A	565.644	565.655	---	---	17
18	---	---	565.308E	565.473	565.763	565.415	565.810E	565.770A	565.639	565.654	---	---	18
19	---	---	565.344E	565.472	565.789	565.428	565.805E	565.763A	565.645	565.653	---	---	19
20	---	---	565.364E	565.466	565.810	565.435	565.804E	565.757A	565.654	565.653	---	---	20
21	---	---	565.381E	565.460	565.821	565.432	565.808E	565.750A	565.659	565.652	---	---	21
22	---	---	565.397E	565.463	565.832	565.431	565.808E	565.746E	565.660	565.650	---	---	22
23	---	---	565.408E	565.462	565.887	565.423	565.808E	565.741E	565.663	565.648	---	---	23
24	---	---	565.422E	565.453	565.881	565.418	565.808E	565.735E	565.667	565.647	---	---	24
25	---	---	565.431E	565.448	565.891	565.414	565.812E	565.730E	565.673	565.646	---	---	25
26	---	---	565.438E	565.443	565.895	565.410	565.822E	565.724E	565.682	565.646	---	---	26
27	---	564.408A	565.444A	565.440	565.897	565.406	565.825E	565.718A	565.679	565.646	---	---	27
28	---	564.420E	565.457	565.438	565.892	565.402	565.832A	565.713	565.679	565.641	---	---	28
29	---		565.470	565.436	565.890	565.796	565.829	565.712	565.678	565.634	---	---	29
30	---		565.473	565.426	565.886	565.796	565.823	565.711	565.677	565.630	565.615E	565.606A	30
31	564.310E		565.485		565.881		565.810	565.704		565.633		565.606E	31
MEAN	---	---	565.080	565.467	565.668	565.428	565.803	565.777	565.665	565.657	---	---	MEAN
MAX	---	---	565.485	565.491	565.895	565.672	565.832	565.840	565.695	565.679	---	---	MAX
MIN	---	---	564.433	565.426	565.411	565.796	565.778	565.704	565.639	565.630	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 565.895 ON MAY 26
MINIMUM DAILY, 564.309A ON FEB 4
MAXIMUM INSTANTANEOUS,
565.900 AT 16:23 CST ON MAY 26

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 08 N
LONG 103 43 07 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

ROUND LAKE NEAR WHITEWOOD - STATION NO. 05JM007

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	441.585	441.556	441.536	441.793A	442.281	442.372	442.345	442.343	442.154E	442.085	441.835	441.525	1
2	441.570	441.556	441.541	441.758	442.289	442.376	442.335	442.341	442.141A	442.080	441.827	441.515	2
3	441.574	441.556	441.549	441.746A	442.300	442.374	442.343	442.340	442.140	442.081	441.820	441.509	3
4	441.576	441.554	441.555	441.762E	442.309	442.369	442.341	442.341	442.131	442.073	441.794	441.496	4
5	441.578	441.553	441.561	441.783E	442.327	442.366	442.371	442.338	442.122	442.067	441.795	441.482	5
6	441.578	441.554	441.566	441.801E	442.366A	442.369	442.376	442.352	442.117	442.067	441.792	441.471	6
7	441.579	441.552	441.565	441.816E	442.383	442.365	442.379	442.364	442.105	442.063	441.787	441.454	7
8	441.581	441.550	441.576	441.835E	442.388	442.359	442.383	442.363	442.097	442.052	441.778	441.459	8
9	441.581	441.548	441.580	441.856E	442.395	442.362	442.384	442.364	442.094	442.030	441.751	441.455	9
10	441.582	441.548	441.602	441.874E	442.409	442.363	442.387	442.362	442.099	442.020	441.738	441.449	10
11	441.583	441.546	441.613	441.893E	442.415	442.365	442.392	442.364	442.098	442.010	441.739	441.443	11
12	441.580	441.546	441.629	441.913E	442.425	442.362	442.396	442.365	442.099	442.004	441.737	441.434	12
13	441.581	441.544	441.647	441.932E	442.436	442.351	442.395	442.366	442.097	441.996	441.727	441.431	13
14	441.580	441.543	441.666	441.951E	442.446	442.350	442.397	442.364	442.094	441.984	441.722	441.425	14
15	441.581	441.542	441.690	441.971E	442.449	442.353	442.398	442.363	442.086	441.977	441.713	441.422	15
16	441.581	441.546	441.718	441.993A	442.450	442.353	442.397	442.356	442.083	441.969	441.703	441.419	16
17	441.580	441.548	441.750	442.018	442.456	442.357	442.396	442.345	442.084	441.962	441.689	441.416	17
18	441.578	441.546	441.778	442.034	442.453	442.360	442.389	442.325	442.081	441.959	441.673	441.413	18
19	441.578	441.546	441.801	442.049	442.451	442.364	442.378	442.312	442.083	441.952	441.660	441.412	19
20	441.577	441.544	441.821	442.068	442.445	442.366	442.372	442.289	442.086	441.947	441.646	441.412	20
21	441.573	441.542	441.840	442.091	442.432A	442.364	442.366	442.270	442.086	441.944	441.635	441.412	21
22	441.562	441.539	441.871	442.110	442.437A	442.363	442.363	442.258	442.088	441.934	441.622	441.410	22
23	441.546	441.539	441.908	442.131	442.453	442.353	442.366	442.246	442.086	441.907	441.608	441.410	23
24	441.544	441.537	441.938	442.158	442.436	442.348	442.358	442.239	442.085	441.901	441.598	441.408	24
25	441.541	441.537	441.960	442.182	442.423	442.348	442.355	442.226A	442.088	441.893	441.584	441.407	25
26	441.539	441.537	441.972	442.201	442.410	442.356	442.360	442.217E	442.095	441.885	441.573	441.408	26
27	441.545	441.534	441.990A	442.221	442.404	442.356	442.361	442.205E	442.098	441.873	441.562	441.408	27
28	441.548	441.535	441.983E	442.242	442.394	442.351	442.372	442.194E	442.099	441.860	441.552	441.407	28
29	441.553		441.937E	442.258	442.388	442.346	442.369A	442.184E	442.096	441.852	441.545	441.407	29
30	441.554		441.887E	442.268	442.383	442.341	442.357A	442.176E	442.085	441.846	441.533	441.406	30
31	441.556		441.840E		442.380		442.350	442.161E		441.842		441.405	31
MEAN	441.569	441.546	441.738	441.990	442.400	442.359	442.372	442.301	442.100	441.971	441.691	441.437	MEAN
MAX	441.583	441.558	441.990	442.268	442.456	442.376	442.398	442.366	442.154	442.085	441.835	441.525	MAX
MIN	441.539	441.534	441.536	441.746	442.281	442.341	442.341	442.161	442.081	441.842	441.533	441.405	MIN

WATER LEVELS IN METRES

MEAN, 441.959
MAXIMUM DAILY, 442.456 ON MAY 17
MINIMUM DAILY, 441.405 ON DEC 31
MAXIMUM INSTANTANEOUS,
442.483 AT 23.54 CST ON MAY 23

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 32 55 N
LONG 102 21 34 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1944

RUSHLAKE CREEK ABOVE HIGHFIELD RESERVOIR - STATION NO 05JC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	3.91 B	0.012	0.005	0.004	0.002	0.001	0	0	0.001	---	1
2	---	0 B	2.86 B	0.010	0.004	0.003	0.001	0.001	0	0	0.001	---	2
3	---	0 B	2.61 B	0.010	0.004	0.002	0.001	0	0	0	0.002	---	3
4	---	0 B	1.58 B	0.008	0.004	0.001	0.001	0	0	0	0.002	---	4
5	---	0 B	1.01 B	0.010	0.280	0.001	0.001	0	0	0	0.002A	---	5
6	---	0 B	0.7938	0.009	0.523	0.002	0.001	0.001	0	0	---	---	6
7	---	0 B	0.6178	0.008	0.411	0.002	0.001	0.001	0	0.001	---	---	7
8	---	0 B	0.308	0.007	0.292	0.003	0	0	0	0.001	---	---	8
9	---	0 B	0.154	0.007	0.388	0.003	0	0	0	0.001	---	---	9
10	---	0 B	0.145	0.007	0.524	0.002	0	0	0	0.001	---	---	10
11	---	0 B	0.182	0.007	0.512	0.002	0	0	0	0.001	---	---	11
12	---	0 B	0.205	0.005	0.535	0.002	0	0	0	0.001	---	---	12
13	---	0 B	0.208	0.007	0.360	0.002	0	0	0	0.001	---	---	13
14	---	0 B	0.281	0.008	0.228	0.001	0	0	0	0.001	---	---	14
15	---	0 B	0.299	0.009	0.185	0.002	0	0	0	0.001	---	---	15
16	---	0 B	0.320	0.009	0.173	0.001	0	0	0	0.001	---	---	16
17	---	0 B	0.148	0.008	0.131	0.003	0.080	0	0	0.001	---	---	17
18	---	0 B	0.114	0.008	0.086	0.002	0.001	0	0	0.001	---	---	18
19	---	0 B	0.085	0.008	0.088	0.023	0.001	0	0	0.001	---	---	19
20	---	0 B	0.082	0.007	0.049	0.013	0.001	0	0	0.001	---	---	20
21	---	0 B	0.081	0.038	0.039	0.005	0.001	0	0	0.001	---	---	21
22	---	0 B	0.490	0.006	0.058	0.003	0.023	0	0	0.001	---	---	22
23	---	0 B	0.315	0.006	0.082	0.002	0.010	0	0	0.001	---	---	23
24	---	0.0180	0.171	0.007	0.082	0.001	0.002	0	0	0.001	---	---	24
25	---	2.55 B	0.087	0.007	0.050	0.001	0.001	0	0.001	0.001	---	---	25
26	---	23.3 B	0.049	0.007	0.035	0	0.001	0	0.001	0.001	---	---	26
27	---	8.03 B	0.031	0.006	0.020	0	0.042	0	0	0.001	---	---	27
28	---	4.88 B	0.017	0.005	0.014	0	0.005	0	0	0.001	---	---	28
29	---		0.020	0.005	0.010	0	0.002	0	0	0.001	---	---	29
30	---		0.020	0.008	0.007	0.001	0.001	0	0	0.001	---	---	30
31	---		0.015		0.008		0.001	0		0.001	---	---	31
TOTAL	---	39.478	18.785	0.328	5.174	0.093	0.149	0.004	0.002	0.028	---	---	TOTAL
MEAN	---	1.41	0.541	0.008	0.167	0.003	0.005	0	0	0.001	---	---	MEAN
MAX	---	23.3	3.81	0.012	0.535	0.029	0.049	0.001	0.001	0.001	---	---	MAX
MIN	---	0	0.015	0.005	0.004	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.327
MAXIMUM DAILY, 23.30 ON FEB 26
MINIMUM DAILY, 0.0 ON FEB 1
MAXIMUM INSTANTANEOUS,
35.00 AT 07:37 CST ON FEB 26

REMARKS - SIGNIFICANT RUNOFF OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 12 N
LONG 107 28 00 W
DRAINAGE AREA, 320 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	12.9
FEB	3 410	AUG	0.35
MAR	1 450	SEP	0.17
APR	18.7	OCT	2.42
MAY	447	NOV	---
JUN	8.04	DEC	---

TOTAL DISCHARGE, 5 350 dam³

RUSSELL CREEK NEAR VANGUARD - STATION NO. 05JB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB		MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	B	0.002	1.00	0.013	0.018	0.010	0	0	0	0	---	1
2	---	0	B	0.003	1.25	0.011	0.010	0.004	0	0	0	0	---	2
3	---	0	B	0.004	0.353	0.010	0.005	0.002	0	0	0	0	---	3
4	---	0	B	0.005	0.200	0.008	0.004	0.001	0	0	0	0	---	4
5	---	0	B	0.006	0.100	0.105	0.004	0	0	0	0	0	---	5
6	---	0	B	0.007	0.050	0.218	0.004	0	0	0	0	---	---	6
7	---	0	B	0.010	0.005	0.143	0.004	0	0	0	0	---	---	7
8	---	0	B	0.015	0.008	0.120	0.015	0	0	0	0	---	---	8
9	---	0	B	0.020	0.012	0.121	0.358	0	0	0	0	---	---	9
10	---	0	B	0.025	0.016	0.242	0.438	0	0	0	0	---	---	10
11	---	0	B	0.030	0.012	0.226	0.447	0	0	0	0	---	---	11
12	---	0	B	0.037	0.010	0.197	0.505	0	0	0	0	---	---	12
13	---	0	B	0.051	0.050	0.182	0.450	0	0	0	0	---	---	13
14	---	0	B	0.069	0.010	0.179	0.417	0	0	0	0	---	---	14
15	---	0	B	0.076	0.005	0.180	0.397	0	0	0	0	---	---	15
16	---	0	B	0.074	0.100	0.172	0.353	0	0	0	0	---	---	16
17	---	0	B	0.071	0.800	0.166	0.277	0	0	0	0	---	---	17
18	---	0	B	0.068	2.50	0.158	0.198	0	0	0	0	---	---	18
19	---	0	B	0.066	1.50	0.152	0.131	0	0	0	0	---	---	19
20	---	0	B	0.063	0.900	0.143	0.112	0	0	0	0	---	---	20
21	---	0	B	0.061	0.600	0.131	0.100	0	0	0	0	---	---	21
22	---	0	B	0.059	0.300	0.137	0.090	0	0	0	0	---	---	22
23	---	0	B	0.057	0.100	0.192	0.080	0	0	0	0	---	---	23
24	---	0	B	0.056	0.050	0.197	0.070	0	0	0	0	---	---	24
25	---	0	B	0.055	0.040	0.184	0.060	0	0	0	0	---	---	25
26	---	0.001		0.054	0.035	0.164	0.050	0	0	0	0	---	---	26
27	---	0.001		0.050	0.030	0.139	0.040	0	0	0	0	---	---	27
28	---	0.001		0.070	0.025	0.110	0.030	0	0	0	0	---	---	28
29	---			0.080	0.020	0.073	0.020	0	0	0	0	---	---	29
30	---			0.100	0.015	0.038	0.015	0	0	0	0	---	---	30
31	---			0.400		0.024		0	0		0		---	31
TOTAL	---	0.003		1.755	10.096	4.135	4.702	0.017	0	0	0	---	---	TOTAL
MEAN	---	0		0.057	0.337	0.133	0.157	0.001	0	0	0	---	---	MEAN
MAX	---	0.001		0.400	2.50	0.242	0.505	0.010	0	0	0	---	---	MAX
MIN	---	0		0.002	0.005	0.008	0.004	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.075
MAXIMUM DAILY, 2.50 ON APR 18
MINIMUM DAILY, 0 ON FEB 1

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 18 N
LONG 107 22 16 W
DRAINAGE AREA, 313 km²

B - ICE CONDITIONS

REGULATED SINCE 1951

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1.47
FEB	0.26	AUG	0
MAR	152	SEP	0
APR	872	OCT	0
MAY	357	NOV	---
JUN	406	DEC	---

TOTAL DISCHARGE, 1 790 dam³

RUSSELL CREEK RESERVOIR - STATION NO. 05JB006

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	769.382	769.120	769.045	769.086	768.615A	767.717A	767.041	766.844	767.281	---	1
2	---	---	769.301	769.116	769.041	769.080	768.601	767.652A	767.039	766.977	767.290	---	2
3	---	---	769.270	769.114	769.042	769.074	768.588	767.591A	767.031	766.884	767.297	---	3
4	---	---	769.232	769.111	769.038	769.065	768.539A	767.535A	766.973	767.012	767.310	---	4
5	---	764.440A	769.191A	769.113	769.078	769.060	768.472	767.479A	766.889	767.031	767.318A	---	5
6	---	---	769.150A	769.112	769.107	769.053	768.407	767.433A	766.857	767.047	---	---	6
7	---	---	769.134A	769.112	769.124	769.053	768.366A	767.388A	766.848	767.059	---	---	7
8	---	---	769.126	769.113	769.121	769.034	768.350	767.338	766.844	767.061	---	---	8
9	---	---	769.121	769.114	769.121	769.064	768.340	767.288A	766.842	767.085	---	---	9
10	---	---	769.120	769.110	769.126	769.105	768.318	767.243A	766.840	767.108	---	---	10
11	---	---	769.118	769.102	769.127	769.115	768.270A	767.208A	766.797A	767.116	---	---	11
12	---	---	769.114	769.097	769.130	769.102	768.258	767.187A	766.749A	767.128	---	---	12
13	---	---	769.114	769.101	769.129	769.086	768.244	767.178	766.762	767.142	---	---	13
14	---	---	769.113	769.103	769.113	769.080	768.194A	767.176	766.718	767.149	---	---	14
15	---	---	769.118	769.100	769.105	769.086	768.162	767.170	766.693	767.158	---	---	15
16	---	---	769.118	769.099	769.100	769.088	768.150	767.183	766.692	767.169	---	---	16
17	---	---	769.115	769.101	769.103	769.087	768.159	767.162	766.693	767.177	---	---	17
18	---	---	769.114	769.098	769.107	769.044	768.147	767.160	766.694	767.183	---	---	18
19	---	---	769.111	769.095	769.109	768.976	768.137	767.148	766.707	767.192	---	---	19
20	---	---	769.108A	769.081	769.104	768.926	768.103A	767.133	766.729	767.200	---	---	20
21	---	---	769.110A	769.089	769.100	768.885	768.067A	767.123	766.765	767.208	---	---	21
22	---	---	769.089	769.088	769.098	768.838	768.036A	767.117	766.788	767.212A	---	---	22
23	---	---	769.104	769.081	769.094	768.805	768.007	767.112	766.782	767.220A	---	---	23
24	---	---	769.114	769.075	769.099	768.782	767.974A	767.101	766.793	767.230A	---	---	24
25	---	764.660A	769.114	769.070	769.102	768.754	767.944A	767.087	766.819	767.238A	---	---	25
26	---	768.734	769.110	769.068	769.102	768.722	767.908A	767.081	766.856	767.245	---	---	26
27	---	769.603	769.115	769.065	769.101	768.695	767.873	767.078	766.876	767.255	---	---	27
28	---	768.462	769.115	769.064	769.101	768.683	767.871	767.074	766.895	767.260A	---	---	28
29	---		769.119	769.057	769.100	768.664A	767.838	767.070	766.915A	767.382	---	---	29
30	---		769.121	769.050	769.098	768.650A	767.783	767.064	766.925	767.268	---	---	30
31	---		769.122		769.092		767.754	767.058		767.276		---	31
MEAN	---	---	769.142	769.094	769.099	768.859	768.177	767.238	766.827	767.150	---	---	MEAN
MAX	---	---	769.382	769.120	769.130	769.115	768.615	767.717	767.041	767.276	---	---	MAX
MIN	---	---	769.098	769.050	769.038	768.650	767.754	767.050	766.692	766.844	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 769.603 ON FEB 27

MAXIMUM INSTANTANEOUS,
769.709 AT 04:13 CST ON FEB 27

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 56 N
LONG 107 30 40 W

A - MANUAL GAUGE

REGULATED

SALINE CREEK NEAR NOKOMIS - STATION NO. 05JJ009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.203	0.057	0	0.011	0	0	0	---	---	1
2	---	---	0 B	0.145	0.058	0	0.001	0	0	0	---	---	2
3	---	---	0.0198	0.170	0.062	0	0	0	0	0	---	---	3
4	---	---	0.0098	0.269	0.061	0	0	0	0	0.001	---	---	4
5	---	---	0.0018	0.258	0.058	0.001	0	0	0	0	---	---	5
6	---	---	0.0028	0.201	0.067	0.001	0	0	0	0.001	---	---	6
7	---	---	0 B	0.165	0.082	0	0	0	0	0.001	---	---	7
8	---	---	0 B	0.137	0.084	0	0	0	0	0.001	---	---	8
9	---	---	0 B	0.146	0.077	0	0	0	0	0	---	---	9
10	---	---	0 B	0.126	0.146	0	0	0	0	0.001	---	---	10
11	---	---	0 B	0.0828	0.192	0	0.003	0	0	0.001	---	---	11
12	---	---	0.0038	0.0848	0.193	0	0.007	0	0	0.001	---	---	12
13	---	---	0.0068	0.0888	0.188	0	0.004	0	0	0.001	---	---	13
14	---	---	0.0098	0.0928	0.182	0	0.001	0	0	0.001	---	---	14
15	---	---	0.0178	0.0888	0.128	0	0	0	0	0.001	---	---	15
16	---	---	0.0518	0.0868	0.096	0	0	0	0	0.001	---	---	16
17	---	---	0.0488	0.0898	0.080	0	0.010	0	0	0.001	---	---	17
18	---	---	0.0428	0.088	0.088	0	0.011	0	0	0.001	---	---	18
19	---	---	0.0358	0.081	0.112	0	0.006	0	0	0.001	---	---	19
20	---	---	0.0288	0.073	0.121	0	0.003	0	0	0.001	---	---	20
21	---	---	0.0288	0.075	0.146	0	0	0	0	0.001	---	---	21
22	---	---	0.0318	0.078	0.156	0	0	0	0	0.001	---	---	22
23	---	---	0.0158	0.068	0.086	0	0	0	0	0.001	---	---	23
24	---	---	0.0068	0.066	0.043	0	0	0	0	0.001	---	---	24
25	---	---	0.0048	0.073	0.036	0	0	0	0	0.001	---	---	25
26	---	---	0.0038	0.066	0.044	0	0	0	0.002	0.001	---	---	26
27	---	---	0.003E	0.057	0.040	0	0	0	0.001	0.082	---	---	27
28	---	---	0.010E	0.057	0.046	0	0.001	0	0	0.081	---	---	28
29	---		0.022E	0.057	0.020	0	0	0	0	0.001A	---	---	29
30	---		0.067E	0.060	0.008	0.002	0	0	0	0.001E	---	---	30
31	---		0.175A		0.002		0	0	0	0.001E		---	31
TOTAL	---	---	0.634	3.326	2.778	0.004	0.058	0	0.003	0.027	---	---	TOTAL
MEAN	---	---	0.020	0.111	0.090	0	0.002	0	0	0.001	---	---	MEAN
MAX	---	---	0.175	0.269	0.193	0.002	0.011	0	0.002	0.002	---	---	MAX
MIN	---	---	0	0.057	0.002	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.026
MAXIMUM DAILY, 0.269 ON APR 4
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.307 AT 01 56 CST ON APR 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 24 55 N
LONG 105 06 10 W
DRAINAGE AREA, 950 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	5.01
FEB	---	AUG	0
MAR	54.8	SEP	0.26
APR	287	OCT	2.33
MAY	240	NOV	---
JUN	0.35	DEC	---

TOTAL DISCHARGE, 590 dam³

SENDY CREEK NEAR CARON - STATION NO. 05JG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	1.57	0	0	0	0	0	0	0	---	---	1
2	---	0 B	1.43	0	0	0	0	0	0	0	---	---	2
3	---	0 B	1.21	0	0	0	0	0	0	0	---	---	3
4	---	0 B	1.04	0	0	0	0	0	0	0	---	---	4
5	---	0 B	0.7228	0	0	0	B	0	0	0	---	---	5
6	---	0 B	0.5048	0	0	0	B	0	0	0	---	---	6
7	---	0 B	0.2928	0	0.001	0	B	0	0	0	---	---	7
8	---	0 B	0.1748	0	0	0	B	0	0	0	---	---	8
9	---	0 B	0.1318	0	0.001	0	B	0	0	0	---	---	9
10	---	0 B	0.1128	0	0.018	0	B	0	0	0	---	---	10
11	---	0 B	0.1008	0	0.025	0	B	0	0	0	---	---	11
12	---	0 B	0.093	0	0.023	0	B	0	0	0	---	---	12
13	---	0 B	0.087	0	0.011	0	B	0	0	0	---	---	13
14	---	0 B	0.086	0	0.001	0	B	0	0	0	---	---	14
15	---	0 B	0.078	0	0	0	B	0	0	0	---	---	15
16	---	0 B	0.069	0	0	0	B	0	0	0	---	---	16
17	---	0 B	0.063	0	0	0	B	0	0	0	---	---	17
18	---	0 B	0.062	0	0	0	B	0	0	0	---	---	18
19	---	0 B	0.058	0	0	0	B	0	0	0	---	---	19
20	---	0 B	0.051	0	0	0	B	0	0	0	---	---	20
21	---	0 B	0.058	0	0	0	B	0	0	0	---	---	21
22	---	0 B	0.044	0	0	0	B	0	0	0	---	---	22
23	---	0 B	0.013	0	0	0	B	0	0	0	---	---	23
24	---	0 B	0.003	0	0	0	B	0	0	0	---	---	24
25	---	0 B	0.001	0	0	0	B	0	0	0	---	---	25
26	---	0 B	0	0	0	0	B	0	0	0	---	---	26
27	---	0.2068	0	0	0	0	B	0	0	0	---	---	27
28	---	1.26 B	0	0	0	0	B	0	0	0	---	---	28
29	---		0	0	0	0	B	0	0	0	---	---	29
30	---		0	0	0	0	B	0	0	0	---	---	30
31	---		0	0	0	0	B	0	0	0	---		31
TOTAL	---	1.486	8.051	0	0.080	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.052	0.260	0	0.003	0	0	0	0	0	---	---	MEAN
MAX	---	1.26	1.57	0	0.025	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.038
MAXIMUM DAILY, 1.57 ON MAR 1
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
1.65 AT 12:24 CST ON MAR 1

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 27 08 N
LONG 105 01 45 W
DRAINAGE AREA, 670 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	127	AUG	0
MAR	695	SEP	0
APR	0	OCT	0
MAY	6.91	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 830 dam³

SASKATCHEWAN RIVER BELOW TOBIN LAKE - STATION NO. 05KD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	301	303	341	314	384	487	278	1 110	234	441	402	482	1
2	328	250	346	474	383	709	817	1 240	378	483	366	548	2
3	417	254	445	552	490	766	752	1 190	418	415	609	500	3
4	512	260	534	598	348	885	777	1 100	467	400	582	518	4
5	545	264	575	428	341	854	558	923	405	318	577	499	5
6	503	268	590	402	333	554	256	889	201	399	598	350	6
7	353	282	602	593	365	806	580	836	218	655	595	300	7
8	356	273	446	534	389	837	528	828	223	695	351	427	8
9	395	336	448	533	348	827	443	821	469	607	331	533	9
10	386	385	401	510	245	875	535	500	495	736	409	456	10
11	340	329	402	342	354	559	428	811	469	553	295	514	11
12	371	328	413	359	334	367	441	1 050	407	477	342	453	12
13	352	325	318	361	329	253	258	775	260	575	319	391	13
14	438	288	300	456	428	274	595	547	407	727	218	386	14
15	537	308	298	427	436	279	614	555	411	680	188	546	15
16	548	418	306	380	380	549	563	360	346	745	217	636	16
17	456	502	297	378	299	681	550	431	390	657	243	611	17
18	521	500	308	353	213	590	690	585	360	619	266	566	18
19	477	524	323	589	208	800	1 230	508	298	587	297	421	19
20	561	586	412	688	486	589	1 800	361	250	655	378	289	20
21	492	570	386	649	583	288	1 990	475	306	581	315	283	21
22	364	494	388	667	485	283	1 930	405	453	709	161	289	22
23	388	473	356	850	611	607	1 930	213	426	694	168	289	23
24	309	482	467	675	639	600	1 800	214	429	703	222	437	24
25	257	393	481	587	613	567	1 640	535	519	667	260	285	25
26	282	388	562	586	625	610	1 690	483	264	632	201	300	26
27	312	476	471	590	588	503	1 410	450	493	654	225	303	27
28	283	386	349	481	668	220	1 270	582	482	604	208	305	28
29	347		296	297	790	228	1 250	515	438	608	332	356	29
30	425		343	245	775	355	1 210	355	575	606	352	333	30
31	449		303		592		1 080	206		681		554	31
TOTAL	12 604	10 795	12 488	15 080	14 042	15 400	29 691	19 673	11 492	18 583	10 023	13 360	TOTAL
MEAN	407	386	403	503	453	513	958	635	383	599	334	431	MEAN
MAX	561	624	602	850	790	766	1 990	1 240	575	745	609	636	MAX
MIN	257	250	295	245	208	220	256	206	201	318	161	283	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 502
MAXIMUM DAILY, 1 990 ON JUL 21
MINIMUM DAILY, 161 ON NOV 22
MAXIMUM INSTANTANEOUS,
2 490 AT 14 05 CST ON JUL 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 42 10 N
LONG 103 17 50 W
DRAINAGE AREA, 289 000 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 080 000	JUL	2 570 000
FEB	933 000	AUG	1 700 000
MAR	1 080 000	SEP	993 000
APR	1 300 000	OCT	1 600 000
MAY	1 210 000	NOV	866 000
JUN	1 330 000	DEC	1 150 000

TOTAL DISCHARGE, 15 800 000 dam³

SASKATCHEWAN RIVER OLD CHANNEL - STATION NO. 05KH008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.7 B	12.6 B	3.838	1.20 B	3.108	19.7	13.0 E	101	5.00E	20.1	20.6 B	9.058	1
2	11.3 B	4.71 B	6.418	0.713B	8.458	40.5	7.00E	138	9.00E	16.6 A	10.5 B	20.4 B	2
3	12.7 B	1.78 B	8.848	15.3 B	12.9 B	48.2	45.0 E	134	14.0 E	17.0 A	16.8 B	18.4 B	3
4	16.2 B	1.45 B	11.8 B	33.6 B	16.4 B	59.8	46.0 E	120	18.0 E	11.4 A	27.4 B	23.0 B	4
5	16.6 B	1.38 B	14.7 B	45.6 B	11.3 B	41.2	15.0 E	66.0	26.0 E	9.66A	17.8 B	32.6 B	5
6	15.9 B	1.46 B	26.8 B	13.7 B	9.658	35.7	3.50E	73.3	5.00E	4.32	27.0 B	12.5 B	6
7	13.4 B	1.62 B	26.3 B	11.2 B	6.278	37.7	28.0 E	80.6	3.50E	17.4 A	20.0 B	6.868	7
8	7.978	1.41 B	21.4 B	20.5 B	10.0 B	42.4	20.8 A	69.2	5.00E	38.4 A	16.6 B	2.978	8
9	9.368	2.00 B	5.058	14.5 B	14.0 B	39.2	16.4	51.6	6.89A	27.7 A	25.0 B	38.6 B	9
10	13.6 B	5.18 B	7.748	15.5 B	1.608	41.0	15.7	43.5	25.2	34.2 A	26.9 B	40.5 B	10
11	10.2 B	7.41 B	7.418	16.4 B	12.0 B	44.5	23.1	15.0	15.1	40.8	19.8 B	23.1 B	11
12	9.998	4.54 B	11.0 B	6.36 B	7.80E	24.2	16.1	74.2	16.8	11.5	7.738	36.7 B	12
13	12.6 B	6.21 B	9.768	6.63 B	4.08A	10.2 A	7.14	69.7	9.45	14.2	14.5 B	15.9 B	13
14	12.1 B	1.88 B	6.228	6.99 B	12.2	4.55	8.23	34.0	2.83	25.3 A	20.5 B	14.0 B	14
15	20.2 B	0.9438	2.828	10.8 B	15.9	5.64	26.2	31.2	13.3	34.6 A	9.708	13.6 B	15
16	21.5 B	1.72 B	2.448	6.29 B	14.3	10.7	31.4	19.2	10.3	42.2 A	4.078	38.9 B	16
17	20.0 B	17.1 B	3.768	5.61 B	9.05	37.8	30.9	11.6	6.86	39.5 A	5.838	35.5 B	17
18	18.8 B	22.5 B	2.978	4.99 B	4.89	45.2	30.8	14.8	12.3	35.8 A	10.0 B	35.5 B	18
19	19.2 B	32.7 B	2.738	5.09 B	1.07	31.0	93.2	28.8	9.45	30.0 A	10.6 B	24.7 B	19
20	22.9 B	42.5 B	3.228	13.6 B	4.05	32.0	215	27.4 A	4.15	36.0 A	16.1 B	9.508	20
21	20.0 B	37.2 B	8.838	16.8 B	26.8	21.2	303	11.3 E	3.38	26.8 A	31.4 B	10.3 B	21
22	15.2 B	28.1 B	7.158	20.1 B	29.4	2.88A	325	21.5 E	7.25	39.5 A	23.2 B	22.0 B	22
23	8.688	17.6 B	9.708	24.8 B	25.8	14.7	282	4.00E	17.8	36.7 A	4.008	14.9 B	23
24	7.818	13.4 B	7.298	25.0 B	45.6	20.4 A	275	3.40E	14.4	41.0 A	2.778	21.2 B	24
25	5.518	15.7 B	11.0 B	14.3 B	33.7	29.3 A	234	25.0 E	18.3 A	37.8 A	5.318	21.6 B	25
26	3.848	10.8 B	13.5 B	13.3 B	35.1	34.3 A	235	19.0 E	14.1	32.2 A	9.408	9.508	26
27	3.078	17.6 B	29.9 B	16.2 B	30.3	35.5 E	207	17.0 E	11.4	34.2 A	3.268	10.4 B	27
28	5.118	15.2 B	13.3 B	22.1 B	36.5	8.00E	155	25.0 E	8.08	34.5 A	3.138	8.218	28
29	3.678		7.208	8.03 B	56.2 A	2.50E	126	30.0 E	16.5	32.9	1.748	12.5 B	29
30	8.218		4.518	3.20 B	71.1	2.70E	136	20.0 E	13.4	34.4	12.7 B	12.2 B	30
31	15.8 B		2.158		48.7		106	4.00E		36.3 B		21.1 B	31
TOTAL	387.13	327.993	295.83	428.403	619.71	820.47	3 078.47	1 354.00	342.85	897.08	426.44	623.18	TOTAL
MEAN	12.8	11.7	9.54	14.3	20.0	27.3	99.3	43.7	11.4	28.9	14.2	20.1	MEAN
MAX	22.9	42.5	29.9	45.6	71.1	59.8	325	138	25.2	42.2	31.4	40.5	MAX
MIN	3.07	0.943	2.15	0.713	1.07	2.50	3.50	3.40	2.83	4.32	1.74	2.87	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.3
MAXIMUM DAILY, 325 ON JUL 22
MINIMUM DAILY, 0.713B ON APR 2
MAXIMUM INSTANTANEOUS,
337 AT 06:20 CST ON JUL 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 48 50 N
LONG 102 58 20 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	34 300	JUL	288 000
FEB	26 300	AUG	117 000
MAR	25 800	SEP	28 800
APR	27 000	OCT	77 500
MAY	53 800	NOV	36 800
JUN	70 800	DEC	53 800

TOTAL DISCHARGE, 830 000 dam³

SASKATOON S.E. PROJECT EAST MAIN CANAL BELOW BRODERICK RESERVOIR - STATION NO. OSHG019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	2.07	3.37	2.37 A	0.866	0.096	---	---	1
2	---	---	0	0	0	2.15	3.68	2.35	0.859	0.010	---	---	2
3	---	---	0	0	0	2.14	3.75	2.38	0.840	0	---	---	3
4	---	---	0	0	0	2.17	3.84	2.35	0.823	0	---	---	4
5	---	---	0	0	0.695	2.21	3.79	2.29	0.821	0	---	---	5
6	---	---	0	0	1.82	2.22	3.86	2.29	0.808	0	---	---	6
7	---	---	0	0	1.73	2.24	3.83	2.16	0.798	0	---	---	7
8	---	---	0	0	1.79	2.25	4.24	2.12	0.788	0	---	---	8
9	---	---	0	0	1.85	2.27	4.55	2.07	0.778	0	---	---	9
10	---	---	0	0	1.90	2.29	4.65	1.91	0.773	0	---	---	10
11	---	---	0	0	1.92	2.29	4.82A	1.94	0.813	0	---	---	11
12	---	---	0	0	1.50	2.30	---	1.81	1.05	0	---	---	12
13	---	---	0	0	0.906	2.33	---	1.88	1.34	0	---	---	13
14	---	---	0	0	0.839	2.32	---	2.10	1.34	0	---	---	14
15	---	---	0	0	0.667	2.33	---	2.09	1.35	0	---	---	15
16	---	---	0	0	0.542	2.33	---	2.26	1.36	0	---	---	16
17	---	---	0	0	0.543	2.35	---	2.27	1.36	0	---	---	17
18	---	---	0	0	0.543	2.39	---	2.28	1.38	0	---	---	18
19	---	---	0	0	0.543	2.41	---	2.30	1.37	0	---	---	19
20	---	---	0	0	0.524	2.61	---	2.31	1.37	0	---	---	20
21	---	---	0	0	0.546	2.73	---	2.30	1.40	0	---	---	21
22	---	---	0	0	0.545	2.71	---	2.32	1.38	0	---	---	22
23	---	---	0	0	0.536	2.70	---	2.32	1.37	0	---	---	23
24	---	---	0	0	0.537	2.53	---	2.34	1.37	0	---	---	24
25	---	---	0	0	0.539	3.19	---	2.35	1.42	0	---	---	25
26	---	---	0	0	0.540	3.79	---	2.38	1.35	0	---	---	26
27	---	---	0	0	0.853	3.61	---	2.40	1.34	0	---	---	27
28	---	---	0	0	1.25	3.57	---	2.41	1.33	0	---	---	28
29	---		0	0	1.72	3.41	---	1.81	1.32	0	---	---	29
30	---		0	0	2.06	3.37	---	0.897	0.771	0	---	---	30
31	---		0		2.08		---	0.779		0		---	31
TOTAL	---	---	0	0	29.518	77.29	---	56.046	33.929	0.106	---	---	TOTAL
MEAN	---	---	0	0	0.952	2.58	---	2.13	1.13	0.003	---	---	MEAN
MAX	---	---	0	0	2.08	3.79	---	2.41	1.42	0.096	---	---	MAX
MIN	---	---	0	0	0	2.07	---	0.779	0.771	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 29 01 N
LONG 105 50 53 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	5 710
MAR	0	SEP	2 930
APR	0	OCT	8.16
MAY	2 550	NOV	---
JUN	6 680	DEC	---

REMARKS - MISSING DATA IN JUL NOT ESTIMATED DUE TO THE POSSIBILITY OF USEAGE AND RETURN FLOW ABOVE THE GAUGE

SMAND CREEK NEAR DILLABOUGH - STATION NO. OSLB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	9.22 B	0.587	0.102	0	0	0	0	0	---	1
2	---	---	0 B	13.2 B	0.569	0.100	0	0	0	0	0	---	2
3	---	---	0 B	12.4 B	0.544	0.100	0	0	0	0	0	---	3
4	---	---	0 B	15.3 B	0.519	0.058	0	0	0	0	0	---	4
5	---	---	0 B	17.0 B	0.414	0.010	0	0	0	0	0	---	5
6	---	---	0 B	28.4 B	0.446	0.015	0	0	0	0	---	---	6
7	---	---	0 B	37.8 B	0.563	0.018	0	0	0	0	---	---	7
8	---	---	0 B	40.2	0.431	0.095	0	0	0	0	---	---	8
9	---	---	0 B	36.8	0.400	0.195	0	0	0	0	---	---	9
10	---	---	0 B	28.1	0.426	0.162	0	0	0	0	---	---	10
11	---	---	0 B	18.1	0.510	0.143	0	0	0	0	---	---	11
12	---	---	0 B	5.42	0.791	0.159	0	0	0	0	---	---	12
13	---	---	0 B	3.66	0.778	0.176	0	0	0	0	---	---	13
14	---	---	0 B	2.47	0.884	0.189	0	0	0	0	---	---	14
15	---	---	0 B	1.85	0.942	0.144	0	0	0	0	---	---	15
16	---	---	0 B	1.90	0.917	0.118	0	0	0	0	---	---	16
17	---	---	0 B	2.21	0.896	0.095	0	0	0	0	---	---	17
18	---	---	0 B	2.14	0.957	0.044	0	0	0	0	---	---	18
19	---	---	0 B	1.97	0.781	0.003	0	0	0	0	---	---	19
20	---	---	0 B	1.74	0.898	0	0	0	0	0	---	---	20
21	---	---	0 B	1.34	0.771	0	0	0	0	0	---	---	21
22	---	---	0 B	1.14	0.841	0	0	0	0	0	---	---	22
23	---	---	0 B	1.10	0.438	0	0	0	0	0	---	---	23
24	---	---	0 B	1.24	0.349	0	0	0	0	0	---	---	24
25	---	---	0 B	1.05	0.308	0	0	0	0	0	---	---	25
26	---	---	0 B	0.888	0.271	0	0	0	0	0	---	---	26
27	---	---	0 B	0.717	0.210	0	0	0	0	0	---	---	27
28	---	---	0 B	0.640	0.209	0	0	0	0	0	---	---	28
29	---		0 B	0.600	0.187	0	0	0	0	0	---	---	29
30	---		0 B	0.620	0.189	0	0	0	0	0	---	---	30
31	---		0.2178		0.136		0	0		0		---	31
TOTAL	---	---	0.217	287.425	18.853	1.834	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.007	9.58	0.564	0.064	0	0	0	0	---	---	MEAN
MAX	---	---	0.217	40.2	0.957	0.199	0	0	0	0	---	---	MAX
MIN	---	---	0	0.600	0.136	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.35
MAXIMUM DAILY, 40.2 ON APR 8
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
40.7 AT 14:00 CST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 37 08 N
LONG 102 45 05 W
DRAINAGE AREA, 660 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	18.7	SEP	0
APR	24 800	OCT	0
MAY	1 480	NOV	---
JUN	167	DEC	---

TOTAL DISCHARGE, 26 400 dam³

SHELL BROOK NEAR SHELLBROOK - STATION NO. 05GF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.253B	1.85B	1.66	0.926	0.030	0.355	0.006	0.085	0.083B	---	1
2	---	---	0.244B	2.42B	1.52	0.870	0.028	0.335	0.007	0.082	0.082B	---	2
3	---	---	0.242B	3.01B	1.43	0.785	0.028	0.290	0.009	0.078	0.081B	---	3
4	---	---	0.236B	3.74B	1.37	0.706	0.035	0.265	0.006	0.078	---	---	4
5	---	---	0.233B	4.03B	1.32	0.708	0.030	0.242	0.008	0.076	---	---	5
6	---	---	0.229B	4.19B	1.30	0.681	0.034	0.218	0.006	0.076	---	---	6
7	---	---	0.224B	5.07B	1.22	0.625	0.032	0.200	0.005	0.073	---	---	7
8	---	---	0.221B	5.67B	1.19	0.521	0.029	0.176	0.004	0.068	---	---	8
9	---	---	0.234B	6.01B	1.19	0.475	0.029	0.188	0.002	0.062	---	---	9
10	---	---	0.241B	5.50	1.55	0.400	0.052	0.202	0.002	0.061	---	---	10
11	---	---	0.236B	5.17	2.07	0.286	0.114	0.179	0.002	0.062	---	---	11
12	---	---	0.235B	5.45A	2.74	0.206	0.186	0.156	0.004	0.061	---	---	12
13	---	---	0.232B	5.35E	2.87	0.143	0.235	0.147	0.005	0.062	---	---	13
14	---	---	0.228B	6.25E	2.97	0.089	0.231	0.131	0.005	0.075	---	---	14
15	---	---	0.226B	6.01A	2.96	0.106	0.224	0.108	0.003	0.091	---	---	15
16	---	---	0.229B	6.03	2.77	0.080	0.221	0.098	0.008	0.093	---	---	16
17	---	---	0.229B	5.49	2.54	0.037	0.329	0.078	0.010	0.094	---	---	17
18	---	---	0.226B	4.85	2.38	0.017	0.530	0.070	0.010	0.087	---	---	18
19	---	---	0.215B	4.16	2.26	0.069	0.593	0.053	0.021	0.079	---	---	19
20	---	---	0.226B	3.56	2.10	0.129	0.486	0.040	0.027	0.077	---	---	20
21	---	---	0.315B	3.10	1.95	0.103	0.345	0.039	0.044	0.079	---	---	21
22	---	---	0.406B	2.93	1.82	0.070	0.238	0.037	0.055	0.078	---	---	22
23	---	---	0.370B	3.04	1.74	0.059	0.167	0.041	0.063	0.080	---	---	23
24	---	---	0.510B	3.03	1.69	0.017	0.153	0.032	0.071	0.082	---	---	24
25	---	---	0.535B	2.84	1.61	0.016	0.154	0.027	0.077	0.089	---	---	25
26	---	---	0.481B	2.59	1.51	0.037	0.161	0.025	0.094	0.089	---	---	26
27	---	---	0.503B	2.36	1.39	0.027	0.162	0.025	0.094	0.090	---	---	27
28	---	---	0.637B	2.26	1.26	0.028	0.287	0.021	0.091	0.085B	---	---	28
29	---		0.903B	2.04	1.16	0.037	0.280	0.023	0.079	0.086B	---	---	29
30	---		1.35 B	1.82	1.07	0.033	0.341	0.015	0.084	0.084B	---	---	30
31	---		1.68 B		1.02		0.358	0.009		0.083B		---	31
TOTAL	---	---	12.335	124.01	55.73	8.306	6.112	3.835	0.921	2.445	---	---	TOTAL
MEAN	---	---	0.398	4.13	1.80	0.277	0.197	0.124	0.031	0.079	---	---	MEAN
MAX	---	---	1.68	6.50	2.97	0.926	0.593	0.355	0.094	0.094	---	---	MAX
MIN	---	---	0.215	1.82	1.02	0.016	0.028	0.009	0.002	0.061	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.872
MAXIMUM DAILY, 6.50 ON APR 10
MINIMUM DAILY, 0.002 ON SEP 9
MAXIMUM INSTANTANEOUS,
6.74 AT 12:46 CST ON APR 12

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 10 N
LONG 108 23 09 W
DRAINAGE AREA, 2 580 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	528
FEB	---	AUG	331
MAR	1 070	SEP	79.6
APR	10 700	OCT	211
MAY	4 820	NOV	---
JUN	718	DEC	---

TOTAL DISCHARGE, 18 500 dam³

SHELL LAKE NEAR SHELL LAKE - STATION NO. 05GF004

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	581.719	581.648	581.683	581.568	581.518	---	---	1
2	---	---	---	---	---	581.715	581.645	581.682E	581.565	581.518	---	---	2
3	---	---	---	---	---	581.711	581.640	581.682E	581.561	581.517	---	---	3
4	---	---	---	---	---	581.710	581.636	581.681E	581.554	581.515	---	---	4
5	---	---	---	---	---	581.709	581.633	581.681E	581.548	581.513	---	---	5
6	---	---	---	---	---	581.707	581.635	581.682	581.542	581.511	581.480	---	6
7	---	---	---	---	---	581.706	581.632	581.677	581.538	581.509	---	---	7
8	---	---	---	---	---	581.705	581.628	581.674	581.536	581.508	---	---	8
9	---	---	---	---	---	581.705	581.633E	581.672	581.534	581.506	---	---	9
10	---	---	---	---	---	581.703	581.638E	581.669	581.533	581.504	---	---	10
11	---	---	---	---	---	581.701	581.643E	581.665	581.531	581.502	---	---	11
12	---	---	---	---	---	581.699	581.647	581.662	581.529	581.500	---	---	12
13	---	---	---	---	---	581.697	581.652	581.657	581.528	581.498	---	---	13
14	---	---	---	---	---	581.695	581.660	581.651	581.527	581.496	---	---	14
15	---	---	---	---	---	581.690	581.656	581.645	581.526	581.495	---	---	15
16	---	---	---	---	---	581.685	581.653	581.639	581.526	581.493	---	---	16
17	---	---	---	---	---	581.680	581.680	581.634	581.526	581.491	---	---	17
18	---	---	---	---	---	581.675	581.680	581.628	581.525	581.489	---	---	18
19	---	---	---	---	---	581.672	581.679	581.623	581.525	581.487	---	---	19
20	---	---	---	---	581.705	581.669	581.678	581.616	581.526	581.486	---	---	20
21	---	---	---	---	581.700E	581.667	581.676	581.610	581.528	581.485	---	---	21
22	---	---	---	---	581.706E	581.666	581.674	581.604	581.528	581.483	---	---	22
23	---	---	---	---	581.712E	581.662	581.672	581.598	581.528	581.482	---	---	23
24	---	---	---	---	581.718	581.658	581.671	581.594	581.528	581.481	---	---	24
25	---	---	---	---	581.718	581.661	581.675	581.591	581.527	581.480	---	---	25
26	---	---	---	---	581.718	581.659	581.674	581.588	581.525	581.479	---	---	26
27	---	---	---	---	581.728	581.662	581.674	581.586	581.523	581.478	---	---	27
28	---	---	---	---	581.729	581.660	581.673	581.582	581.522	581.478	---	---	28
29	---	---	---	---	581.730	581.658	581.675	581.577	581.521	581.477	---	---	29
30	---	---	---	---	581.729	581.655	581.685	581.574	581.520	581.476	---	---	30
31	---	---	---	---	581.728		581.686	581.571		581.476	---	---	31
MEAN	---	---	---	---	---	581.685	581.659	581.635	581.533	581.485	---	---	MEAN
MAX	---	---	---	---	---	581.719	581.686	581.683	581.568	581.518	---	---	MAX
MIN	---	---	---	---	---	581.655	581.629	581.571	581.520	581.476	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 581.730 ON MAY 29

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 13 25 N
LONG 107 10 17 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SHEPHERD DITCH NEAR CONSUL - STATION NO. 11AB020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.449B	0.320	0.107	0.001	0.001	0.001	0.001	0.004	---	---	1
2	---	---	0.481B	0.243	0.107	0.001	0.001	0.001	0.001	0.002	---	---	2
3	---	---	0.247B	0.222	0.105	0.001	0.001	0.001	0.001	0.001	---	---	3
4	---	---	0.115B	0.207	0.106	0	0	0.001	0.001	0.001	---	---	4
5	---	---	0.058B	0.206	0.123	0	0	0.001	0.001	0.001	---	---	5
6	---	---	0.026B	0.194	0.245	0.001	0	0.001	0.001	0.001	---	---	6
7	---	---	0.015B	0.191	0.248	0.001	0	0.001	0.001	0.001	---	---	7
8	---	---	0.008B	0.180	0.262	0.001	0	0.001	0.002	0.001	---	---	8
9	---	---	0.021B	0.176	0.223	0	0	0.001	0.010	0.001	---	---	9
10	---	---	0.016B	0.177	0.139	0	0	0.001	0.010	0.001	---	---	10
11	---	---	0.011B	0.181	0.116	0	0	0.001	0.009	0.001	---	---	11
12	---	---	0.007B	0.144	0.130	0	0.001	0.001	0.010	0.001	---	---	12
13	---	---	0.008B	0.057	0.128	0	0.001	0.001	0.008	0.001	---	---	13
14	---	---	0.010B	0.056	0.124	0	0.001	0.001	0.009	0.001	---	---	14
15	---	---	0.006B	0.056	0.124	0	0.001	0.001	0.009	0.001	---	---	15
16	---	---	0.005B	0.055	0.131	0	0.006	0.001	0.009	0.001	---	---	16
17	---	---	0.004B	0.120	0.131	0	0.002	0.001	0.011	0.002	---	---	17
18	---	---	0.004B	0.166	0.134	0	0	0.001	0.009	0.001	---	---	18
19	---	---	0.002	0.154	0.136	0.001	0.001	0.001	0.010	0.002	---	---	19
20	---	---	0.001	0.117	0.111	0.001	0.001	0.001	0.009	0.002	---	---	20
21	---	---	0.074	0.117	0.018	0.001	0.001	0.001	0.009	0.002	---	---	21
22	---	---	0.197	0.118	0.015	0	0.002	0.001	0.008	0.002	---	---	22
23	---	---	0.245	0.122	0.018	0	0.003	0.001	0.008	0.002	---	---	23
24	---	---	0.252	0.123	0.014	0	0.002	0.001	0.011	0.002	---	---	24
25	---	---	0.233	0.128	0.010	0	0.002	0.001	1.00 E	0.002	---	---	25
26	---	---	0.217	0.123	0.007	0	0.002	0.001	0.445	0.002	---	---	26
27	---	0.150B	0.227	0.120	0.005	0	0.002	0.001	0.084	0.001A	---	---	27
28	---	0.228B	0.242	0.121	0.004	0	0.002	0.001	0.023	0.001E	---	---	28
29	---		0.335	0.119	0.002	0.001	0.001	0.001	0.013	0.001E	---	---	29
30	---		0.384	0.112	0.001	0.001	0.001	0.001	0.007	0.001E	---	---	30
31	---		0.357		0.001		0.001	0.001		0.001E	---	---	31
TOTAL	---	---	4.258	4.423	3.023	0.011	0.036	0.031	1.711	0.044	---	---	TOTAL
MEAN	---	---	0.137	0.147	0.098	0	0.001	0.001	0.057	0.001	---	---	MEAN
MAX	---	---	0.481	0.320	0.262	0.001	0.006	0.001	1.00	0.004	---	---	MAX
MIN	---	---	0.001	0.055	0.001	0	0	0.001	0.001	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.055
MAXIMUM DAILY, 1.00E ON SEP 25
MINIMUM DAILY, 0 ON JUN 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 50 N
LONG 109 44 30 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3.11
FEB	---	AUG	2.68
MAR	368	SEP	148
APR	382	OCT	3.80
MAY	261	NOV	---
JUN	0.95	DEC	---

REMARKS - STAGE-DISCHARGE RELATION NOT DEFINED ABOVE 0.475 m^3/s

TOTAL DISCHARGE, 1 170 dam^3

SHORT CREEK NEAR ROCHE PERCEE - STATION NO. 05NB021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.001B	0.001B	1.85 B	0.095	0.052	0.027	0.040	3.42	0.005	0.005	0.007	0.002B	1
2	0.001B	0.001B	1.69 B	0.081	0.040	0.019	0.032	3.04	0.005	0.005	0.007	0.002B	2
3	0.001B	0.001B	1.40 B	0.078	0.033	0.016	0.033	2.34	0.005	0.006	0.007	0.002B	3
4	0.001B	0.001B	1.11 B	0.076	0.024	0.013	0.035	1.72	0.005	0.008	0.008	0.002B	4
5	0.001B	0.001B	1.00 B	0.073	0.026	0.010	0.288	1.24	0.003	0.007	0.006	0.002B	5
6	0.001B	0.001B	0.804B	0.080	0.038	0.010	0.382	0.979	0.002	0.024	0.007	0.002B	6
7	0.001B	0.001B	0.710B	0.084	0.087	0.008	0.312	0.785	0.001	0.056	0.007	0.002B	7
8	0.001B	0.001B	0.727B	0.076	0.707	0.008	0.213	0.614	0.002	0.028	0.007B	0.002B	8
9	0.001B	0.001B	0.587B	0.088	0.614	0.009	0.168	0.467	0.003	0.025	0.007B	0.002B	9
10	0.001B	0.001B	0.547B	0.078	0.491	0.008	0.201	0.393	0.002	0.020	0.006B	0.002B	10
11	0.001B	0.001B	0.538B	0.087	0.408	0.007	0.183	0.323	0.002	0.020	0.005B	0.002B	11
12	0.001B	0.001B	0.435B	0.074	0.419	0.008	0.298	0.272	0.002	0.017	0.004B	0.002B	12
13	0.001B	0.001B	0.442B	0.068	0.337	0.004	0.295	0.218	0.003	0.014	0.004B	0.002B	13
14	0.001B	0.001B	0.486B	0.075	0.287	0.003	0.258	0.175	0.003	0.014	0.004B	0.002B	14
15	0.001B	0.001B	0.487B	0.067	0.212	0.003	0.205	0.145	0.003	0.013	0.004B	0.002B	15
16	0.001B	0.001B	0.410B	0.062	0.171	0.002	0.305	0.120	0.004	0.012	0.003B	0.002B	16
17	0.001B	0.001B	0.346B	0.083	0.124	0.002	0.485	0.105	0.004	0.011	0.003B	0.002B	17
18	0.001B	0 B	0.308B	0.061	0.101	0.002	0.536	0.088	0.004	0.010	0.003B	0.002B	18
19	0.001B	0 B	0.303B	0.069	0.083	0.015	0.477	0.072	0.006	0.010	0.003B	0.002B	19
20	0.001B	0 B	0.280B	0.087	0.105	0.232	0.554	0.054	0.007	0.009	0.002B	0.002B	20
21	0.001B	0 B	0.236B	0.132	0.183	0.487	0.831	0.043	0.009	0.009	0.002B	0.002B	21
22	0.001B	0 B	0.215B	0.117	0.139	0.267	0.676	0.035	0.008	0.009	0.002B	0.002B	22
23	0.001B	0 B	0.168B	0.104	0.134	0.146	0.449	0.028	0.007	0.007	0.002B	0.002B	23
24	0.001B	0 B	0.174B	0.083	0.092	0.095	0.448	0.027	0.008	0.006	0.003B	0.002B	24
25	0.001B	0.004B	0.173B	0.070	0.072	0.087	0.782	0.020	0.016	0.007	0.003B	0.002B	25
26	0.001B	0.076B	0.162B	0.083	0.058	0.054	1.04	0.016	0.010	0.007	0.002B	0.002B	26
27	0.001B	0.586B	0.150B	0.058	0.048	0.044	3.33	0.012	0.008	0.007	0.002B	0.002B	27
28	0.001B	1.09 B	0.163B	0.058	0.050	0.039	6.06	0.010	0.008	0.007	0.002B	0.002B	28
29	0.001B		0.132	0.081	0.045	0.033	5.89	0.009	0.008	0.007	0.002B	0.002B	29
30	0.001B		0.108	0.061	0.038	0.035	5.31	0.009	0.007	0.007	0.002B	0.002B	30
31	0.001B		0.102		0.035		4.82	0.007		0.007		0.002B	31
TOTAL	0.031	1.783	16.044	2.340	5.233	1.682	36.044	17.207	0.182	0.384	0.126	0.062	TOTAL
MEAN	0.001	0.064	0.518	0.078	0.169	0.056	1.16	0.555	0.006	0.013	0.004	0.002	MEAN
MAX	0.001	1.09	1.69	0.132	0.707	0.497	5.06	3.42	0.016	0.056	0.008	0.002	MAX
MIN	0.001	0	0.102	0.058	0.024	0.002	0.032	0.007	0.001	0.006	0.002	0.002	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.222
MAXIMUM DAILY, 6.06 ON JUL 28
MINIMUM DAILY, .08 ON FEB 18
MAXIMUM INSTANTANEOUS,
6.88 AT 03:37 CST ON JUL 28

SUMMARY FOR THE YEAR 1986

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 52 N
LONG 102 50 57 W
DRAINAGE AREA, 1 210 km^2

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2.68	JUL	3 110
FEB	154	AUG	1 490
MAR	1 390	SEP	14.0
APR	202	OCT	34.0
MAY	452	NOV	10.9
JUN	145	DEC	5.38

TOTAL DISCHARGE, 7 010 dam^3

SILTON INDEX RESERVOIR - STATION NO. 05JH007

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	27.588	---	---	1
2	---	---	---	---	---	---	28.014	---	27.598	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	28.188	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	28.330	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	27.082	---	---	---	---	---	---	---	---	---	---	27
28	---	27.082E	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	27.523	---	---	29
30	---		---	28.216	---	28.030E	---	---	27.590E	---	---	---	30
31	---		28.360E		28.210E		27.854	27.610E		27.520E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 47 58 N
LONG 104 54 11 W

E - ESTIMATED

DRAINAGE AREA,
19.7 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SMITH CREEK NEAR MARCHWELL - STATION NO. 05ME007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	4.54	0.041	0	0.002	0.013	0	0	0.0098	---	1
2	---	---	0 B	4.23	0.035	0	0.001	0.008	0	0	0.0088	---	2
3	---	---	0 B	2.43	0.032	0	0	0.004	0	0	0.0088	---	3
4	---	---	0 B	2.84	0.026	0	0	0.003	0	0	0.0078	---	4
5	---	---	0 B	2.77	0.046	0	0.006	0.001	0	0	---	---	5
6	---	---	0 B	2.83	0.137	0	0.007	0.017	0	0	---	---	6
7	---	---	0 B	3.07	0.120	0	0.005	0.032	0	0	---	---	7
8	---	---	0 B	2.61	0.097	0	0.003	0.011	0	0	---	---	8
9	---	---	0 B	2.17	0.089	0	0.001	0.008	0	0	---	---	9
10	---	---	0 B	1.84	0.080	0	0.001	0.012	0	0	---	---	10
11	---	---	0 B	1.43	0.066	0	0.002	0.021	0	0	---	---	11
12	---	---	0 B	0.840	0.073	0	0.002	0.024	0	0	---	---	12
13	---	---	0 B	0.821	0.085	0	0.006	0.031	0	0	---	---	13
14	---	---	0 B	0.747	0.070	0	0.006	0.048	0	0	---	---	14
15	---	---	0 B	0.785	0.068	0	0.005	0.049	0	0	---	---	15
16	---	---	0 B	0.825	0.056	0	0.003	0.044	0	0	---	---	16
17	---	---	0 B	0.877	0.044	0	0.002	0.036	0	0	---	---	17
18	---	---	0 B	0.747	0.039	0	0.001	0.027	0	0	---	---	18
19	---	---	0 B	0.585	0.033	0	0	0.021	0	0	---	---	19
20	---	---	0 B	0.470	0.025	0	0	0.018	0	0	---	---	20
21	---	---	0.0278	0.384	0.020	0	0	0.014	0	0	---	---	21
22	---	---	0.0958	0.384	0.017	0	0	0.011	0	0	---	---	22
23	---	---	0.0668	0.311	0.014	0	0	0.008	0	0	---	---	23
24	---	---	0.403	0.247	0.011	0	0	0.006	0	0	---	---	24
25	---	---	0.258	0.155	0.008	0	0	0.003	0	0	---	---	25
26	---	---	0.082	0.125	0.006	0.013	0	0.003	0	0	---	---	26
27	---	---	0.359	0.112	0.004	0.008	0	0.001	0	0	---	---	27
28	---	---	1.76	0.095	0.002	0.011	0	0.001	0	0	---	---	28
29	---		4.23	0.072	0.001	0.010	0	0	0	0.001	---	---	29
30	---		3.77	0.051	0	0.005	0.002	0	0	0.015	---	---	30
31	---		5.03		0		0.006	0		0.014		---	31
TOTAL	---	---	16.080	38.613	1.345	0.047	0.081	0.476	0	0.030	---	---	TOTAL
MEAN	---	---	0.519	1.32	0.043	0.002	0.002	0.015	0	0.001	---	---	MEAN
MAX	---	---	5.03	4.54	0.137	0.013	0.007	0.049	0	0.015	---	---	MAX
MIN	---	---	0	0.051	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.235
MAXIMUM DAILY, 5.03 ON MAR 31
MINIMUM DAILY, 0E ON MAR 1
MAXIMUM INSTANTANEOUS,
5.26 AT 03:05 CST ON MAR 31

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 49 58 N
LONG 101 34 43 W
DRAINAGE AREA, 435 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	5.27
FEB	---	AUG	41.0
MAR	1 390	SEP	0
APR	3 420	OCT	2.59
MAY	116	NOV	---
JUN	4.06	DEC	---

TOTAL DISCHARGE, 4 980 dam³

SMOOTHSTONE RIVER BELOW EMMELINE LAKE - STATION NO. 05CC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.008	3.698	3.808	3.948	8.16	33.2	19.5	38.2	12.9	8.51	7.01	5.988	1
2	3.478	3.888	4.048	3.798	8.53	31.9	18.7	37.8	12.5	8.42	6.39	5.948	2
3	3.858	3.998	4.058	3.748	8.91	31.2	18.7	38.3	12.9	8.14	5.98	5.908	3
4	4.198	4.058	4.038	3.718	9.65	29.1	19.2	39.7	13.1	8.17	6.24	5.868	4
5	4.428	3.988	3.708	3.828	9.89	27.7	18.4	42.4	12.3	8.26	6.29	5.828	5
6	4.608	3.608	4.518	3.988	10.2	26.7	18.6	42.0	12.0	8.23	6.29	5.788	6
7	4.268	3.578	3.488	4.018	10.3	25.9	18.8	40.6	11.7	8.96	5.87	5.748	7
8	4.008	3.308	3.898	3.968	10.2	24.4	18.7	38.2	11.2	8.98	5.43	5.708	8
9	4.218	3.178	4.218	4.078	10.3	24.0	18.3	37.1	11.0	8.61	5.91	5.668	9
10	4.538	3.168	3.858	4.168	12.3	23.1	17.6	36.3	10.6	8.93	5.98	5.628	10
11	4.458	3.158	3.478	4.078	13.7	22.5	16.9	33.1	10.7	8.66	5.84	5.588	11
12	4.598	3.258	3.668	4.528	14.7	25.8	17.1	31.2	10.3	8.36	5.91	5.558	12
13	4.028	3.688	4.038	4.758	15.8	26.7	18.4	29.3	10.4	8.24	5.92	5.528	13
14	4.098	3.858	4.148	4.958	16.5	26.8	18.0	27.7	10.1	8.06	5.86	5.488	14
15	3.848	3.458	4.248	5.378	16.7	26.2	20.1	26.5	9.65	8.01	5.63	5.468	15
16	3.688	3.208	4.248	5.188	20.2	25.9	23.5	25.7	9.48	8.00	5.63	5.438	16
17	3.858	3.028	4.098	5.29	22.4	25.7	23.7	23.9	9.49	7.88	5.65	5.408	17
18	3.748	2.918	4.238	5.77	26.6	25.6	26.9	22.9	9.47	7.78	5.59	5.378	18
19	3.608	2.928	4.148	6.04	29.5	24.8	30.5	22.0	9.30	7.77	5.56	5.348	19
20	3.478	2.928	3.948	6.01	31.3	25.4	31.7	21.2	9.09	7.66	5.65	5.318	20
21	3.448	2.808	4.048	6.06	32.4	24.1	32.6	19.8	8.91	7.62	5.78	5.288	21
22	2.968	2.908	4.148	6.35	33.7	23.5	32.0	19.0	8.75	7.50	5.87	5.258	22
23	4.058	3.338	4.268	6.46	37.6	22.3	31.7	18.0	8.75	7.38	6.00	5.228	23
24	4.628	3.418	3.468	7.05	40.0	24.0	31.6	17.1	8.25	7.35	6.07	5.198	24
25	3.568	3.248	3.678	7.00	41.6	24.4	30.2	16.6	7.24	7.28	6.22A	5.168	25
26	3.738	3.528	3.958	7.20	42.0	23.7	28.9	15.7	7.01	7.14	6.18E	5.138	26
27	3.918	4.038	4.118	7.40	41.7	23.2	27.8	15.2	7.66	7.18	6.14E	5.108	27
28	4.348	3.828	4.208	7.60	40.8	22.1	28.3	14.8	8.35	7.43	6.10E	5.088	28
29	4.478		3.828	8.10	38.7	21.0	29.4	14.5	8.85	7.07	6.05E	5.058	29
30	4.178		3.508	8.13	37.1	20.3	33.9	14.0	8.78	6.88	6.02E	5.038	30
31	3.778		3.588		36.3		38.0	13.6		6.80		5.008	31
TOTAL	124.08	95.77	122.65	162.48	728.64	781.3	757.7	831.5	300.73	245.39	179.17	168.94	TOTAL
MEAN	4.00	3.42	3.95	5.42	23.5	26.4	24.4	26.8	10.0	7.92	5.97	5.45	MEAN
MAX	4.62	4.05	4.51	8.13	42.0	33.2	38.0	42.4	13.1	8.98	7.01	5.98	MAX
MIN	2.96	2.80	3.46	3.71	8.16	20.3	16.9	13.6	7.01	6.89	5.43	5.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.3
MAXIMUM DAILY, 42.4 ON AUG 5
MINIMUM DAILY, 2.808 ON FEB 21
MAXIMUM INSTANTANEOUS,
43.0 AT 22:49 CST ON MAY 25

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 09 48 N
LONG 106 12 25 W
DRAINAGE AREA, 8 020 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 700	JUL	65 500
FEB	8 270	AUG	71 800
MAR	10 600	SEP	26 000
APR	14 000	OCT	21 200
MAY	83 000	NOV	15 500
JUN	65 800	DEC	14 600

TOTAL DISCHARGE, 387 000 dam³

SNAKEBITE CREEK NEAR BEECHY - STATION NO. 05HE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB		MAR	APR		MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	B	0.451B	0.001		0	0	0	0	0	0	---	---	1
2	---	0	B	0.888B	0.002		0	0	0	0	0	0	---	---	2
3	---	0	B	0.441B	0		0	0	0	0	0	0	---	---	3
4	---	0	B	0.530B	0		0	0	0	0	0	0	---	---	4
5	---	0	B	0.464B	0		0	0	0	0	0	0	---	---	5
6	---	0	B	0.138B	0		0	0	0	0	0	0	---	---	6
7	---	0	B	0.108B	0		0	0	0	0	0	0	---	---	7
8	---	0	B	0.091B	0		0	0	0	0	0	0	---	---	8
9	---	0	B	0.074B	0		0	0	0	0	0	0	---	---	9
10	---	0	B	0.061B	0		0	0	0	0	0	0	---	---	10
11	---	0	B	0.044B	0		0.001	0	0	0	0	0	---	---	11
12	---	0	B	0.039B	0	B	0	0	0	0	0	0	---	---	12
13	---	0	B	0.038B	0	B	0	0	0	0	0	0	---	---	13
14	---	0	B	0.034B	0	B	0	0	0	0	0	0	---	---	14
15	---	0	B	0.031B	0		0	0	0	0	0	0	---	---	15
16	---	0	B	0.028B	0	B	0	0	0	0	0	0	---	---	16
17	---	0	B	0.027B	0	B	0	0	0	0	0	0	---	---	17
18	---	0	B	0.025B	0	B	0	0	0	0	0	0	---	---	18
19	---	0	B	0.022B	0		0	0	0	0	0	0	---	---	19
20	---	0	B	0.018B	0		0	0	0	0	0	0	---	---	20
21	---	0	B	0.013B	0		0	0	0	0	0	0	---	---	21
22	---	0	B	0.009B	0		0	0	0	0	0	0	---	---	22
23	---	0	B	0.005B	0		0	0	0	0	0	0	---	---	23
24	---	0	B	0.002B	0		0	0	0	0	0	0	---	---	24
25	---	0	B	0	B	0	0	0	0	0	0	0	---	---	25
26	---	0.100B		0	B	0	0	0	0	0	0	0	---	---	26
27	---	0.150B		0	B	0	0	0	0	0	0	0	---	---	27
28	---	0.162B		0	B	0	0	0	0	0	0	0	---	---	28
29	---			0	B	0	0	0	0	0	0	0	---	---	29
30	---			0		0	0	0	0	0	0	0	---	---	30
31	---			0			0	0	0	0	0	0	---	---	31
TOTAL	---	0.412		3.898	0.003		0.001	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.015		0.129	0		0	0	0	0	0	0	---	---	MEAN
MAX	---	0.162		0.888	0.002		0.001	0	0	0	0	0	---	---	MAX
MIN	---	0		0	0		0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.018
MAXIMUM DAILY, 0.888B ON MAR 2
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
1.18B AT 10:00 CST ON MAR 3

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 48 06 N
LONG 107 16 31 W
DRAINAGE AREA, 861 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	35.6	AUG	0
MAR	345	SEP	0
APR	0.28	OCT	0
MAY	0.09	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 381 dam³

REMARKS - SOME FLOW OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

SNIPE LAKE NEAR ESTON - STATION NO. 05HC002

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	27.630E	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	27.855	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	27.902	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	27.765	---	---	27.828	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	27.779	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	28.024	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---	---	---	---	---	---	---	---	---	---	---	---	30
31	---	---	---	---	---	---	---	---	---	---	---	---	31
			28.005E	27.958	27.810E	27.809E	27.769E	27.686E	27.849	27.832E			
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 13 05 N
LONG 108 51 07 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SNIPE LAKE NORTH INFLOW - STATION NO. 05HC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0688	0.127	0.004	0	0	0	0	0	---	---	1
2	---	---	0.2888	0.067	0.004	0	0	0	0	0	---	---	2
3	---	---	0.2958	0.060	0.003	0	0	0	0	0	---	---	3
4	---	---	0.2398	0.044	0.003	0	0	0	0	0	---	---	4
5	---	---	0.1658	0.024	0.004	0	0	0	0	0	---	---	5
6	---	---	0.0358	0.015	0.005	0	0	0	0	0	---	---	6
7	---	---	0.0138	0.013	0.005	0	0	0	0	0	---	---	7
8	---	---	0.0158	0.011	0.005	0	0	0	0	0	---	---	8
9	---	---	0.0158	0.010	0.005	0	0	0	0	0	---	---	9
10	---	---	0.0178	0.011	0.010	0	0	0	0	0	---	---	10
11	---	---	0.0198	0.010	0.011	0	0	0	0	0	---	---	11
12	---	---	0.0268	0.008	0.009	0	0	0	0	0	---	---	12
13	---	---	0.0318	0.007	0.007	0	0	0	0	0	---	---	13
14	---	---	0.0318	0.006	0.005	0	0	0	0	0	---	---	14
15	---	---	0.0258	0.006	0.004	0	0	0	0	0	---	---	15
16	---	---	0.0228	0.006	0.004	0	0	0	0	0	---	---	16
17	---	---	0.0228	0.006	0.004	0	0	0	0	0	---	---	17
18	---	---	0.0258	0.006	0.003	0	0	0	0	0	---	---	18
19	---	---	0.0378	0.005	0.003	0	0	0	0	0	---	---	19
20	---	---	0.1318	0.005	0.002	0	0	0	0	0	---	---	20
21	---	---	0.4518	0.006	0.004	0	0	0	0	0	---	---	21
22	---	---	0.5748	0.007	0.009	0	0	0	0	0	---	---	22
23	---	---	0.1628	0.008	0.013	0	0	0	0	0	---	---	23
24	---	---	0.1198	0.008	0.010	0	0	0	0	0	---	---	24
25	---	---	0.0818	0.007	0.007	0	0	0	0	0	---	---	25
26	---	---	0.0978	0.005	0.005	0	0	0	0	0	---	---	26
27	---	---	0.2038	0.005	0.003	0	0	0	0	0	---	---	27
28	---	---	0.2388	0.004	0.002	0	0	0	0	0	---	---	28
29	---		0.1578	0.004	0.001	0	0	0	0	0	---	---	29
30	---		0.3418	0.004	0	0	0	0		0	---	---	30
31	---		0.191		0		0	0					31
TOTAL	---	---	4.152	0.506	0.154	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.134	0.017	0.005	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.574	0.127	0.013	0	0	0	0	0	---	---	MAX
MIN	---	---	0.013	0.004	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.020
MAXIMUM DAILY, 0.5748 ON MAR 22
MINIMUM DAILY, 0 ON MAY 30
MAXIMUM INSTANTANEOUS,
1.058 AT 01:02 CST ON MAR 22

REMARKS - NO FLOW OCCURRED BEFORE MARCH 01

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 21 18 N
LONG 108 51 48 W

DRAINAGE AREA, 44.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	359	SEP	0
APR	43.7	OCT	0
MAY	13.3	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 416 dam³

SOURIS RIVER NEAR BECHARD - STATION NO. 05NB031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.093	0.002	0	0	0	0	0	---	---	1
2	---	---	0 B	0.207	0.002	0	0	0	0	0	---	---	2
3	---	---	0 B	0.210	0.001	0	0	0	0	0	---	---	3
4	---	---	0.001B	0.219	0.001	0	0	0	0	0	---	---	4
5	---	---	0.010B	0.194	0.056	0	0	0	0	0	---	---	5
6	---	---	0.100B	0.183	1.82	0	0	0	0	0	---	---	6
7	---	---	0.180B	0.155	4.37	0	0	0	0	0	---	---	7
8	---	---	0.400B	0.153	3.71	0	0	0	0	0	---	---	8
9	---	---	0.800B	0.120	3.61	0	0	0	0	0	---	---	9
10	---	---	1.15 B	0.094	7.23	0	0	0	0	0	---	---	10
11	---	---	0.800B	0.060	6.95	0	0	0	0	0	---	---	11
12	---	---	0.750B	0.044	4.59	0	0	0	0	0	---	---	12
13	---	---	0.580B	0.033	2.47	0	0	0	0	0	---	---	13
14	---	---	0.732B	0.034	1.46	0	0	0	0	0	---	---	14
15	---	---	1.15 B	0.048	0.959	0	0	0	0	0	---	---	15
16	---	---	1.59 B	0.045	0.693	0	0	0	0	0	---	---	16
17	---	---	1.78 B	0.066	0.494	0	0	0	0	0	---	---	17
18	---	---	1.62 B	0.048	0.344	0	0	0	0	0	---	---	18
19	---	---	1.40 B	0.030	0.234	0	0	0	0	0	---	---	19
20	---	---	1.15 B	0.025	0.173	0	0	0	0	0	---	---	20
21	---	---	1.01 B	0.026	0.117	0	0	0	0	0	---	---	21
22	---	---	0.711B	0.025	0.089	0	0	0	0	0	---	---	22
23	---	---	0.614B	0.017	0.098	0	0	0	0	0	---	---	23
24	---	---	0.596B	0.013	0.094	0	0	0	0	0	---	---	24
25	---	---	0.385B	0.010	0.048	0	0	0	0	0	---	---	25
26	---	---	0.459B	0.007	0.047	0	0	0	0	0	---	---	26
27	---	---	0.365B	0.004	0.029	0	0	0	0	0	---	---	27
28	---	---	0.286	0.003	0.015	0	0	0	0	0	---	---	28
29	---		0.226	0.002	0.011	0	0	0	0	0	---	---	29
30	---		0.155	0.002	0.001	0	0	0	0	0	---	---	30
31	---		0.106		0		0	0		0		---	31
TOTAL	---	---	19.236	2.148	39.518	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.621	0.072	1.27	0	0	0	0	0	---	---	MEAN
MAX	---	---	1.78	0.218	7.23	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.002	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.249
MAXIMUM DAILY, 7.23 ON MAY 10
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
7.50 AT 16:53 CST ON MAY 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 20 N
LONG 104 11 24 W
DRAINAGE AREA, 1 070 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1 660	SEP	0
APR	186	OCT	0
MAY	3 410	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 5 260 dam³

SOURIS RIVER NEAR GLEN EWEN - STATION NO. 05ND001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.047B	0.055B	5.83B	2.35	1.86	2.26	0.723	7.02	0.123	0.135	0.211	0.117B	1
2	0.054B	0.055B	8.38B	2.13	1.52	2.01	0.685	6.65	0.117	0.153	0.340	0.115B	2
3	0.047B	0.067B	9.65B	1.98	1.44	1.78	0.592	5.88	0.105	0.149	0.421	0.116B	3
4	0.039B	0.062B	13.1 B	1.77	1.36	1.53	0.548	5.14	0.102	0.158	0.452	0.115B	4
5	0.032B	0.050B	13.0 B	1.76	1.29	1.41	0.826	4.40	0.093	0.153	0.461	0.116B	5
6	0.038B	0.038B	10.3 B	2.27	2.08	1.25	0.849	3.80	0.093	0.132	0.457	0.115B	6
7	0.055B	0.020B	8.02B	2.53	2.54	1.09	1.22	3.21	0.101	0.130	0.450	0.115B	7
8	0.067B	0.009B	8.59B	2.55	2.18	1.02	0.903	2.63	0.090	0.121	0.445B	0.110B	8
9	0.058B	0.004B	7.65B	2.55	1.81	1.06	0.688	2.17	0.083	0.122	0.405B	0.111B	9
10	0.061B	0.003B	6.39B	2.44	1.89	1.03	0.703	1.75	0.081	0.125	0.390B	0.110B	10
11	0.051B	0.003B	4.21B	2.34	1.95	0.871	0.881	1.51	0.057	0.124	0.360B	0.109B	11
12	0.049B	0.003B	3.29B	2.41	2.19	0.771	1.14	1.27	0.057	0.127	0.330B	0.110B	12
13	0.056B	0.004B	2.58B	2.38	2.42	0.691	1.56	0.883	0.066	0.127	0.305B	0.111B	13
14	0.060B	0.006B	2.57B	2.18	2.56	0.636	1.42	0.778	0.068	0.117	0.285B	0.108B	14
15	0.059B	0.008B	2.58B	1.96	2.56	0.623	1.82	0.671	0.065	0.115	0.270B	0.105B	15
16	0.064B	0.012B	2.42B	2.05	2.41	0.624	1.37	0.608	0.073	0.119	0.255B	0.105B	16
17	0.068B	0.012B	2.19B	2.23	2.08	0.612	1.44	0.545	0.076	0.117	0.240B	0.098B	17
18	0.062B	0.007B	1.95B	2.26	3.15	0.637	2.07	0.480	0.078	0.118	0.230B	0.094B	18
19	0.065B	0.006B	2.77B	2.18	7.21	0.639	1.88	0.421	0.083	0.115	0.220B	0.093B	19
20	0.059B	0.004B	3.24B	2.13	7.29	0.574	1.55	0.368	0.083	0.119	0.210B	0.092B	20
21	0.054B	0.008B	2.75B	2.17	5.49	0.691	1.22	0.320	0.096	0.124	0.200B	0.089B	21
22	0.080B	0.007B	2.19B	2.18	5.73	2.62	1.03	0.287	0.118	0.124	0.180B	0.087B	22
23	0.066B	0.008B	2.29B	2.06	5.15	2.27	0.981	0.279	0.137	0.127	0.170B	0.077B	23
24	0.073B	0.008B	2.00B	1.76	4.82	1.65	0.849	0.253	0.122	0.126	0.160B	0.078B	24
25	0.039B	0.197B	2.65B	1.65	4.14	1.27	0.916	0.215	0.159	0.121	0.150B	0.078B	25
26	0.044B	0.551B	3.34B	1.86	4.06	1.01	2.16	0.181	0.142	0.117	0.145B	0.081B	26
27	0.082B	1.74 B	2.82B	1.88	3.77	0.938	2.70	0.160	0.200	0.115	0.140B	0.083B	27
28	0.080B	3.88 B	2.71B	1.89	3.57	0.909	3.85	0.134	0.152	0.114	0.137B	0.083B	28
29	0.088B		2.95B	1.87	3.37	0.947	3.29	0.140	0.136	0.112	0.133B	0.081B	29
30	0.062B		3.06B	1.86	3.07	0.779	2.79	0.130	0.128	0.117	0.125B	0.080B	30
31	0.050B		2.73		2.73		5.50	0.126		0.116		0.076B	31
TOTAL	1.770	8.628	148.28	63.62	98.29	34.182	48.084	52.518	3.034	3.892	8.277	3.051	TOTAL
MEAN	0.057	0.237	4.78	2.12	3.17	1.14	1.55	1.69	0.101	0.126	0.276	0.098	MEAN
MAX	0.082	3.88	13.1	2.55	7.29	2.62	5.50	7.02	0.200	0.159	0.461	0.117	MAX
MIN	0.032	0.003	1.95	1.65	1.29	0.574	0.548	0.126	0.053	0.112	0.125	0.076	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.28
MAXIMUM DAILY, 13.1B ON MAR 4
MINIMUM DAILY, 0.003B ON FEB 10
MAXIMUM INSTANTANEOUS,
14.1B AT 17:23 CST ON MAR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 11 02 N
LONG 102 01 42 W
DRAINAGE AREA, 22 100 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	153	JUL	4 150
FEB	573	AUG	4 540
MAR	12 800	SEP	262
APR	5 500	OCT	336
MAY	8 490	NOV	715
JUN	2 950	DEC	264

TOTAL DISCHARGE, 40 700 dam³

SOURIS RIVER NEAR HALBRITE - STATION NO. 05NB017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.5628	0.826	0.040	0.165	0	0	0	0	0.006	---	1
2	---	---	0.8938	0.607	0.063	0.102	0	0	0	0	0.005	---	2
3	---	---	1.46 B	0.622	0.030	0.059	0	0	0	0	0.005	---	3
4	---	---	1.26 B	0.687	0.017	0.048	0	0	0	0	0.005	---	4
5	---	---	0.8788	0.676	0.137	0.035	0	0.036	0	0.074	0.005A	---	5
6	---	---	0.6618	0.630	2.51	0.018	0	0.090	0	0.292	---	---	6
7	---	---	0.4308	0.683	1.46	0.005	0	0.020	0	0.213	---	---	7
8	---	---	0.2468	0.630	0.950	0.018	0	0.004	0	0.155	---	---	8
9	---	---	0.1928	0.473	3.42	0.005	0	0.001	0	0.107	---	---	9
10	---	---	0.1818	0.451	5.89	0.003	0	0.001	0	0.181	---	---	10
11	---	---	0.1988	0.501	6.89	0.001	0	0.001	0	0.255	---	---	11
12	---	---	0.1658	0.800	15.3	0	0	0	0	0.217	---	---	12
13	---	---	0.1438	0.463	8.38	0	0	0	0	0.194	---	---	13
14	---	---	0.1708	0.468	6.73	0.013	0	0	0	0.168	---	---	14
15	---	---	0.5268	0.467	6.64	0.013	0	0	0	0.135	---	---	15
16	---	---	0.6598	0.271	5.93	0.008	0	0	0	0.109	---	---	16
17	---	---	1.34 B	0.284	4.69	0.005	0	0	0	0.086	---	---	17
18	---	---	1.97 B	0.387	3.57	0.004	0	0	0	0.058	---	---	18
19	---	---	2.67 B	0.462	2.87	0.007	0	0	0	0.045	---	---	19
20	---	---	2.60 B	0.522	2.27	0.007	0	0	0	0.031	---	---	20
21	---	---	2.48 B	0.266	1.73	0.004	0	0	0	0.024	---	---	21
22	---	---	2.15 B	0.163	1.13	0.002	0	0	0	0.018	---	---	22
23	---	---	1.93 B	0.125	1.35	0.001	0	0	0	0.014	---	---	23
24	---	---	1.73 B	0.397	1.41	0	0	0	0	0.012	---	---	24
25	---	---	1.56 B	0.169	1.18	0	0	0	0	0.011	---	---	25
26	---	---	1.46 B	0.074	0.943	0	0	0	0	0.010	---	---	26
27	---	0.2198	1.34 A	0.038	0.687	0	0	0	0	0.011	---	---	27
28	---	0.3688	1.13	0.020	0.461	0	0	0	0	0.009	---	---	28
29	---		0.932	0.012	0.339	0	0	0	0	0.008	---	---	29
30	---		0.845	0.010	0.260	0	0	0	0	0.008	---	---	30
31	---		0.686		0.191		0	0		0.007		---	31
TOTAL	---	---	33.865	12.084	87.618	0.509	0	0.153	0	2.406	---	---	TOTAL
MEAN	---	---	1.09	0.403	2.83	0.017	0	0.005	0	0.078	---	---	MEAN
MAX	---	---	2.60	0.800	15.3	0.165	0	0.090	0	0.255	---	---	MAX
MIN	---	---	0.143	0.010	0.017	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.558
MAXIMUM DAILY, 15.3 ON MAY 12
MINIMUM DAILY, 0 ON JUN 12
MAXIMUM INSTANTANEOUS,
20.0 AT 15:51 CST ON MAY 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 37 N
LONG 103 39 44 W
DRAINAGE AREA, 3 190 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	13.2
MAR	2 930	SEP	0
APR	1 040	OCT	208
MAY	7 570	NOV	---
JUN	44.0	DEC	---

TOTAL DISCHARGE, 11 800 dam³

SOURIS RIVER NEAR LENYAN - STATION NO. 05NB025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.168	0.004E	0E	0	0	0	0	---	---	1
2	---	---	0 B	0.153	0.002E	0	0	0	0	0	---	---	2
3	---	---	0 B	0.192	0.001E	0	0	0	0	0	---	---	3
4	---	---	0.022B	0.190	0.001E	0	0	0	0	0	---	---	4
5	---	---	0.058B	0.181	0.031	0	0	0	0	0	---	---	5
6	---	---	0.130B	0.174	0.555	0	0	0	0	0	---	---	6
7	---	---	0.330B	0.168A	1.24	0	0	0	0	0	---	---	7
8	---	---	0.750B	0.138A	0.915	0	0	0	0	0	---	---	8
9	---	---	1.30 B	0.111	1.55	0	0	0	0	0	---	---	9
10	---	---	1.00 B	0.088	2.46	0	0	0	0	0	---	---	10
11	---	---	0.780B	0.068A	1.93	0	0	0	0	0	---	---	11
12	---	---	0.620B	0.080	1.55	0	0	0	0	0	---	---	12
13	---	---	0.480B	0.031E	0.947	0	0	0	0	0	---	---	13
14	---	---	0.520B	0.037E	0.626	0	0	0	0	0	---	---	14
15	---	---	0.780B	0.045E	0.483	0	0	0	0	0	---	---	15
16	---	---	1.10 B	0.051A	0.356	0	0	0	0	0	---	---	16
17	---	---	1.35 B	0.056	0.278	0	0	0	0	0	---	---	17
18	---	---	0.960B	0.050	0.218	0	0	0	0	0	---	---	18
19	---	---	0.651B	0.048	0.178	0	0	0	0	0	---	---	19
20	---	---	0.731B	0.042	0.144	0	0	0	0	0	---	---	20
21	---	---	0.536B	0.041	0.109	0	0	0	0	0	---	---	21
22	---	---	0.422	0.037	0.071	0	0	0	0	0	---	---	22
23	---	---	0.363	0.034	0.061	0	0	0	0	0	---	---	23
24	---	---	0.277	0.025E	0.061	0	0	0	0	0	---	---	24
25	---	---	0.234	0.020E	0.042	0	0	0	0	0	---	---	25
26	---	---	0.220	0.010E	0.028A	0	0	0	0	0	---	---	26
27	---	---	0.212	0.009E	0.018	0	0	0	0	0	---	---	27
28	---	---	0.184A	0.008E	0.010	0	0	0	0	0	---	---	28
29	---		0.135	0.006E	0.006	0	0	0	0	0	---	---	29
30	---		0.098	0.005A	0.005	0	0	0	0	0	---	---	30
31	---		0.080		0.005		0	0		0		---	31
TOTAL	---	---	14.503	2.286	14.089	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.468	0.076	0.454	0	0	0	0	0	---	---	MEAN
MAX	---	---	1.35	0.193	2.46	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.005	0.001	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.126
MAXIMUM DAILY, 2.46 ON MAY 10
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
3.02 AT 05:26 CST ON MAY 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 37 N
LONG 104 04 33 W
DRAINAGE AREA, 580 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1 250	SEP	0
APR	198	OCT	0
MAY	1 220	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 2 670 dam³

REMARKS - STATION DISCONTINUED AFTER THE 1986 SEASON

SOURIS RIVER NEAR METAGGART - STATION NO. 05NB020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.2768 B	0.158 B	0.010 B	0.027 B	0	0	0	0	---	---	1
2	---	0 B	1.04 B	0.108 B	0.031 B	0.022 B	0	0	0	0	---	---	2
3	---	0 B	2.46 B	0.059 B	0.021 B	0.011 B	0	0	0	0	---	---	3
4	---	0 B	5.31 B	0.070 B	0.007 B	0.018 B	0	0	0	0	---	---	4
5	---	0 B	5.21 B	0.078 B	0.016 B	0.026 B	0	0	0	0	---	---	5
6	---	0 B	4.66 B	0.087 B	0.309 B	0.008 B	0	0	0	0	---	---	6
7	---	0 B	4.40 B	0.055 B	3.53 B	0.007 B	0	0	0	0	---	---	7
8	---	0 B	4.10 B	0.050 B	5.26 B	0.015 B	0	0	0	0	---	---	8
9	---	0 B	3.85 B	0.048 B	5.58 B	0.017 B	0	0	0	0	---	---	9
10	---	0 B	3.20 B	0.044 B	7.74 B	0.013 B	0	0	0	0	---	---	10
11	---	0 B	2.90 B	0.0338 B	8.23 B	0.016 B	0	0	0	0	---	---	11
12	---	0 B	2.40 B	0.0328 B	7.35 B	0.002 B	0	0	0	0	---	---	12
13	---	0 B	2.80 B	0.0349 B	6.28 B	0.007 B	0	0	0	0	---	---	13
14	---	0 B	3.20 B	0.0338 B	4.71 B	0.011 B	0	0	0	0	---	---	14
15	---	0 B	3.35 B	0.0318 B	3.11 B	0.013 B	0	0	0	0	---	---	15
16	---	0 B	3.60 B	0.0344 B	2.08 B	0.015 B	0	0	0	0	---	---	16
17	---	0 B	3.35 B	0.031 B	1.55 B	0.026 B	0	0	0	0	---	---	17
18	---	0 B	3.10 B	0.026 B	1.18 B	0.017 B	0	0	0	0	---	---	18
19	---	0 B	2.90 B	0.020 B	0.911 B	0.006 B	0.018 B	0	0	0	---	---	19
20	---	0 B	2.65 B	0.022 B	0.704 B	0.007 B	0.177 B	0	0	0	---	---	20
21	---	0 B	2.30 B	0.037 B	0.588 B	0.004 B	0.132 B	0	0	0	---	---	21
22	---	0 B	2.00 B	0.023 B	0.599 B	0.001 B	0.063 B	0	0	0	---	---	22
23	---	0 B	1.70 B	0.012 B	0.392 B	0	0.036 B	0	0	0	---	---	23
24	---	0 B	1.40 B	0.015 B	0.220 B	0.001 B	0.015 B	0	0	0	---	---	24
25	---	0 B	1.20 B	0.025 B	0.125 B	0	0.006 B	0	0	0	---	---	25
26	---	0 B	1.00 B	0.009 B	0.081 B	0	0	0	0	0	---	---	26
27	---	0.0038 B	0.516A B	0.007 B	0.067 B	0	0	0	0	0	---	---	27
28	---	0.0108 B	0.537 B	0.008 B	0.052 B	0	0	0	0	0	---	---	28
29	---		0.369 B	0.005 B	0.035 B	0	0	0	0	0	---	---	29
30	---		0.315 B	0.003 B	0.027 B	0	0	0	0	0	---	---	30
31	---		0.154 B		0.018 B		0			0		---	31
TOTAL	---	0.013	77.287	1.173	60.939	0.288	0.448	0	0	0	---	---	TOTAL
MEAN	---	0	2.49	0.039	1.97	0.010	0.014	0	0	0	---	---	MEAN
MAX	---	0.010	5.31	0.158	8.23	0.027	0.177	0	0	0	---	---	MAX
MIN	---	0	0.154	0.003	0.007	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.513
MAXIMUM DAILY, 8.23 ON MAY 11
MINIMUM DAILY, 0A ON FEB 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 45 10 N
LONG 100 00 55 W
DRAINAGE AREA, 2 020 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	38.7
FEB	1.12	AUG	0
MAR	5 980	SEP	0
APR	101	OCT	0
MAY	5 270	NOV	---
JUN	24.9	DEC	---

TOTAL DISCHARGE, 12 100 dam³

REMARKS - RECORDS POOR MAR 07 TO 26

SOURIS RIVER NEAR ROCHE PERCEE - STATION NO. 05NB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	4.69 B	0.746	0.750	1.06	0.259	5.05	0.003	0.009	0.369	---	1
2	---	---	5.02 B	1.28	0.783	0.793	0.251	5.56	0.003	0.010	0.572	---	2
3	---	---	4.51 B	1.22	0.806	0.559	0.263	4.46	0.003	0.014	0.542	---	3
4	---	---	3.89 B	1.26	0.555	0.848	0.251	2.85	0.003	0.017	0.305	---	4
5	---	---	2.61 B	1.34	0.381	0.687	0.515	1.85	0.003	0.017	0.271A	---	5
6	---	---	1.33 B	1.42	0.674	0.588	0.870	1.38	0.003	0.017	---	---	6
7	---	---	1.29 B	1.41	1.02	0.548	0.669	1.18	0.003	0.018	---	---	7
8	---	---	1.30 B	1.83	1.04	0.656	0.465	0.876	0.003	0.020	---	---	8
9	---	---	1.32 B	1.86	1.88	0.370	0.342	0.629	0.003	0.018	---	---	9
10	---	---	1.33 B	1.33	1.83	0.229	0.298	0.492	0.003	0.018	---	---	10
11	---	---	1.30 B	1.18	1.85	0.306	0.294	0.391	0.003	0.019	---	---	11
12	---	---	0.9438 B	1.15 B	1.81	0.373	0.385	0.330	0.004	0.020	---	---	12
13	---	---	0.6908 B	1.18 B	1.80	0.330	0.865	0.291	0.004	0.022	---	---	13
14	---	---	0.6898 B	1.17 B	1.15	0.317	0.722	0.213	0.005	0.024	---	---	14
15	---	---	0.5848 B	1.14 B	3.20	0.347	0.491	0.171	0.006	0.026	---	---	15
16	---	---	0.5818 B	1.19 B	7.54	0.330	0.345	0.150	0.005	0.027	---	---	16
17	---	---	0.4268 B	1.25 B	7.95	0.318	0.483	0.117	0.006	0.026	---	---	17
18	---	---	0.3918 B	1.33 B	7.15	0.293	0.715	0.088	0.005	0.025	---	---	18
19	---	---	0.4488 B	1.17 B	5.40	0.318	0.581	0.069	0.006	0.024	---	---	19
20	---	---	0.7558	0.548	5.83	0.335	0.500	0.050	0.005	0.021	---	---	20
21	---	---	0.7108	0.885	5.21	0.484	0.629	0.035	0.006	0.033	---	---	21
22	---	---	0.4378	1.23	4.25	0.558	0.561	0.028	0.007	0.150	---	---	22
23	---	---	0.3438	1.43	4.44	0.388	0.527	0.024	0.008	0.225	---	---	23
24	---	---	0.3058	1.48	3.89	0.321	0.578	0.020	0.007	0.367	---	---	24
25	---	0.0809	0.2148	1.30	4.00	0.298	0.518	0.014	0.013	0.377	---	---	25
26	---	0.8178	0.1688	1.46	3.52	0.278	0.548	0.008	0.009	0.363	---	---	26
27	---	1.84 B	0.1628	1.16	2.98	0.270	1.20	0.007	0.008	0.364	---	---	27
28	---	3.86 B	0.1438	1.03	2.14	0.258	5.65	0.008	0.008	0.363	---	---	28
29	---		0.138	0.861	1.66	0.257	7.36	0.005	0.008	0.360	---	---	29
30	---		0.122	0.635	1.27	0.251	7.06	0.004	0.008	0.354	---	---	30
31	---		0.132		1.09		5.29	0.004		0.367		---	31
TOTAL	---	---	37.177	38.566	87.519	12.883	43.106	27.320	0.180	3.875	---	---	TOTAL
MEAN	---	---	1.20	1.22	2.82	0.430	1.39	0.881	0.006	0.119	---	---	MEAN
MAX	---	---	5.02	1.86	7.95	1.06	7.36	5.56	0.013	0.377	---	---	MAX
MIN	---	---	0.122	0.548	0.381	0.251	0.251	0.004	0.003	0.009	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.01
MAXIMUM DAILY, 7.95 ON MAY 17
MINIMUM DAILY, 0.003 ON SEP 1
MAXIMUM INSTANTANEOUS,
8.08 AT 09:30 CST ON MAY 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 34 N
LONG 102 45 53 W
DRAINAGE AREA, 12 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 660
FEB	---	AUG	2 250
MAR	3 210	SEP	13.0
APR	3 100	OCT	316
MAY	7 560	NOV	---
JUN	1 110	DEC	---

TOTAL DISCHARGE, 21 400 dam³

SOURIS RIVER NEAR SHERWOOD - STATION NO. 05NB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0488	0.0548	4.258	2.52	1.73	2.55	0.963	5.80	0.167	0.187	0.163	0.1908	1
2	0.0488	0.0548	8.508	2.18	1.53	2.15	0.850	8.58	0.156	0.190	0.190	0.1908	2
3	0.0458	0.0548	11.3 e	2.01	1.42	1.90	0.736	8.01	0.142	0.187	0.187	0.1728	3
4	0.0458	0.0548	12.7 e	1.86	1.29	1.87	0.651	6.82	0.133	0.193	0.211	0.1398	4
5	0.0458	0.0548	14.2 e	1.67	1.29	1.47	0.991	5.72	0.127	0.193	0.459	0.1258	5
6	0.0458	0.0548	12.7 e	1.70	1.76	1.44	1.22	4.76	0.125	0.187	0.481	0.1058	6
7	0.0458	0.0548	11.3 e	2.10	2.18	1.38	1.02	3.81	0.122	0.193	0.510	0.0998	7
8	0.0518	0.0548	9.910	2.27	2.46	1.32	1.19	3.17	0.116	0.190	0.5108	0.0918	8
9	0.0658	0.0548	8.508	2.27	2.21	1.16	1.14	2.66	0.113	0.178	0.4538	0.0828	9
10	0.0718	0.0488	7.368	2.27	1.90	1.19	0.906	2.15	0.136	0.170	0.5108	0.0798	10
11	0.0748	0.0428	6.519	2.24	1.87	1.16	0.821	1.78	0.119	0.184	0.4818	0.0768	11
12	0.0798	0.0428	5.668	2.16	1.87	1.05	1.10	1.56	0.122	0.170	0.4818	0.0748	12
13	0.0798	0.0408	4.538	2.24	2.07	0.906	1.27	1.39	0.125	0.170	0.3968	0.0718	13
14	0.0798	0.0408	4.258	2.24	2.29	0.850	1.47	1.22	0.102	0.170	0.3408	0.0748	14
15	0.0798	0.0378	3.400	1.95	2.35	0.765	1.44	1.05	0.096	0.187	0.3118	0.0798	15
16	0.0798	0.0378	3.968	1.78	2.35	0.736	1.53	0.878	0.089	0.170	0.3118	0.0828	16
17	0.0768	0.0378	2.838	1.90	2.21	0.680	1.56	0.765	0.096	0.170	0.2698	0.0858	17
18	0.0768	0.0378	2.128	2.21	1.95	0.623	1.17	0.680	0.093	0.184	0.2668	0.0888	18
19	0.0768	0.0378	1.988	2.24	3.66	0.651	2.04	0.623	0.110	0.181	0.2808	0.0888	19
20	0.0768	0.0318	2.410	2.01	8.86	0.850	1.87	0.538	0.113	0.159	0.2588	0.0888	20
21	0.0768	0.0318	2.838	1.93	8.83	0.736	1.59	0.481	0.125	0.156	0.2808	0.0858	21
22	0.0718	0.0318	2.598	1.95	7.79	0.651	1.36	0.425	0.125	0.159	0.2728	0.0858	22
23	0.0718	0.0268	2.418	2.07	6.80	2.10	1.16	0.396	0.127	0.184	0.2638	0.0858	23
24	0.0688	0.0278	2.278	1.80	6.00	2.27	1.08	0.368	0.127	0.161	0.2698	0.0858	24
25	0.0688	0.0858	2.298	1.84	5.24	1.76	1.08	0.340	0.161	0.187	0.2698	0.0858	25
26	0.0658	1.56 e	1.848	1.56	4.62	1.47	1.19	0.311	0.190	0.167	0.2618	0.0858	26
27	0.0578	2.55 e	3.408	1.73	4.62	1.25	1.81	0.283	0.176	0.161	0.2558	0.0858	27
28	0.0578	1.42 e	3.97	1.76	3.96	1.13	2.97	0.261	0.184	0.161	0.2618	0.0858	28
29	0.0548		2.92	1.76	3.62	1.06	3.85	0.221	0.193	0.159	0.2298	0.0858	29
30	0.0548		2.84	1.73	3.28	1.08	3.28	0.195	0.215	0.153	0.2108	0.0888	30
31	0.0518		2.69		2.92		2.92	0.181		0.159		0.0888	31
TOTAL	1.973	5.646	166.14	59.85	105.05	27.908	46.748	66.206	4.035	5.297	9.840	3.018	TOTAL
MEAN	0.064	0.237	5.42	2.00	3.39	1.26	1.51	2.14	0.135	0.171	0.321	0.097	MEAN
MAX	0.079	2.55	14.2	2.52	8.86	2.55	3.85	8.58	0.215	0.193	0.510	0.190	MAX
MIN	0.045	0.027	1.84	1.56	1.39	0.623	0.651	0.181	0.093	0.153	0.150	0.071	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.41
MAXIMUM DAILY, 14.28 ON MAR 5
MINIMUM DAILY, 0.0278 ON FEB 24
MAXIMUM INSTANTANEOUS,
14.78 AT 17:00 CST ON MAR 5

SUMMARY FOR THE YEAR 1986

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 55 24 N
LONG 101 57 28 W
DRAINAGE AREA, 22 400 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	170	JUL	4 040
FEB	574	AUG	5 720
MAR	14 500	SEP	349
APR	5 170	OCT	456
MAY	9 060	NOV	833
JUN	2 390	DEC	261

TOTAL DISCHARGE, 44 400 dam³

SOUTH SASKATCHEWAN RIVER AT SASKATOON - STATION NO. 05HG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2150	2630	2500	125 B	79.6	218	162	283	158	181	253	2580	1
2	2150	2640	2580	135 B	59.3	215	181	277	151	203	232	2570	2
3	2150	2340	2160	127 B	56.5	191	178	265	146	222	267	2550	3
4	2400	2150	2160	96.0B	56.0	252	163	229	114	228	267	2570	4
5	2650	2150	2370	96.0B	54.2	284	132	226	143	233	282	2550	5
6	2650	2210	2630	93.0B	56.1	290	132	243	148	231	2480	2590	6
7	2900	2150	2710	89.6	76.9	209	116	272	150	219	2530	2540	7
8	3150	2150	2950	66.6	75.9	169	121	326	146	306	2540	2530	8
9	2650	2170	3100	67.9	54.7	183	125	266	123	297	2520	2540	9
10	2680	2230	2150	69.1	63.6	169	107	236	119	291	2570	2590	10
11	2760	2210	2150	62.5	61.8	182	98.7	181	135	303	2590	2570	11
12	2650	2430	2170	58.3	58.2	171	101	176	191	309	2580	2550	12
13	2650	2320	2670	56.0	55.6	169	101	179	149	304	2610	2570	13
14	2650	2270	2780	64.6	56.6	176	89.4	160	144	287	2590	2560	14
15	2150	2280	2280	72.5	53.2	176	92.3	167	159	303	2580	2760	15
16	2510	2210	1780	69.0	48.6	178	98.6	169	193	327	2590	2860	16
17	2990	2150	1850	59.6	56.1	178	99.5	190	161	286	2590	2930	17
18	3150	2260	1850	61.3	54.7	177	97.7	190	152	347	2570	2940	18
19	2650	2660	1870	56.3	51.2	182	94.9	165	150	380	2820	3040	19
20	2150	3060	1190	56.3	53.7	225	92.6	145	150	387	2900	3020	20
21	2660	3160	1100	61.9	52.2	271	133	148	159	400	2780	2830	21
22	2880	3160	1080	62.2	49.6	271	129	195	138	388	2800	2860	22
23	2380	2940	1080	57.7	139	270	161	149	128	381	2880	2880	23
24	2170	2870	1060	56.1	108	284	163	146	146	378	2810	2880	24
25	2280	2770	1170	58.6	111	272	209	167	141	388	2810	2870	25
26	2150	3050	1170	57.0	111	273	269	163	159	391	2850	2860	26
27	2150	2580	1170	57.9	112	232	348	153	162	374	2840	2860	27
28	2150	2200	1170	58.7	117	218	371	149	149	375	2550	2870	28
29	2150		1190	58.6	111	222	380	148	147	370	2800	2870	29
30	2150		1200	70.1	118	190	341	175	154	356	2610	2870	30
31	2150		1270		144		352	185		351		2870	31
TOTAL	7 686	7 012	5 800	2 141.2	2 263.4	6 495	5 229.9	5 918	4 457	9 819	8 134	8 507	TOTAL
MEAN	248	250	187	71.4	76.2	217	169	191	149	317	271	274	MEAN
MAX	315	316	310	139	144	290	371	326	193	400	353	304	MAX
MIN	215	215	100	49.6	49.6	169	89.4	140	119	181	249	253	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 202
MAXIMUM DAILY, 400 ON OCT 21
MINIMUM DAILY, 44.5 ON APR 14
MAXIMUM INSTANTANEOUS,
402 AT 22:31 CST ON OCT 20

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 06 28 N
LONG 106 38 40 W
DRAINAGE AREA, 141 000 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	685 000	JUL	452 000
FEB	605 000	AUG	511 000
MAR	601 000	SEP	385 000
APR	185 000	OCT	848 000
MAY	304 000	NOV	703 000
JUN	681 000	DEC	736 000

TOTAL DISCHARGE, 6 280 000 dam³

SOUTH SASKATCHEWAN RIVER AT ST. LOUIS - STATION NO. 05HH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1970	2020	237 B	86.88	85.00	1400 E	170	348	191	130	3108	2808	1
2	1850	2490	244 B	108 B	88.00	2100 E	168	319	178	150	3108	2908	2
3	2570	2930	215 B	94.78	93.00	2060 E	149	285	154	157	3098	2978	3
4	2580	2590	206 B	76.08	75.00	1800 A	140	275	149	226	2778	2888	4
5	2800	2080	202 B	86.58	74.00	223	140	241	149	212	2608	2728	5
6	2620	2120	223 B	80.28	89.18	273	97.2	198	145	227	2548	2338	6
7	2700	2038	283 B	66.78	87.2	278	102	226	148	228	2518	2188	7
8	2850	2008	284 B	89.38	88.6	317	93.5	248	148	211	2508	2559	8
9	3100	1738	245 B	69.88	97.1	166	84.2	298	154	278	2528	2498	9
10	2600	1918	298 B	71.48	85.0	161	94.1	291	138	307	2308	2528	10
11	2700	1968	231 B	74.08	78.4	161	99.7	216	120	281	2228	2388	11
12	2758	1918	200 B	72.08	85.0	183	86.5	178	126	300	2048	1888	12
13	2650	2258	215 B	68.08	79.6	148	79.3	147	148	302	2288	2168	13
14	2600	2298	269 B	64.08	71.6	187	87.1	156	152	288	2818	2448	14
15	2538	2108	277 B	56.08	89.0	150	80.4	137	147	295	2288	2388	15
16	2198	2088	250 B	84.08	89.6	193	71.0	115	148	292	2378	2338	16
17	2128	2098	218 B	82.08	87.2	155	80.0	123	185	311	3298	2538	17
18	3048	2068	174 B	70.08	91.6	157	83.6	127	178	303	2648	2568	18
19	3038	1968	171 B	72.08	85.6	167	83.7	127	149	320	3118	2498	19
20	2698	2908	175 B	68.08	83.0	155	78.4	123	146	374	2928	2528	20
21	2058	3208	169 B	72.08	89.2	181A	78.1	127	145	393	2788	2508	21
22	2278	3258	137 B	89.48	81.9	245	83.5	124	155	403	2808	2418	22
23	2508	3078	98.48	83.6	81.7	256	115	142	146	389	2728	2188	23
24	2448	2918	101 B	73.2	94.4	253	124	133	123	375	3058	2288	24
25	1648	2958	95.78	88.2	128	258	141	134	126	375	2868	2458	25
26	1778	2888	94.08	86.2	107	286	163	137	137	384	3118	2468	26
27	1968	3028	95.58	89.8	107	251	272	129	148	391	2858	2448	27
28	1858	2578	110 B	87.2	105	226	350	138	155	369	3208	2458	28
29	1858		116 B	86.2	106	183	383	147	141	385	2928	2438	29
30	2068		104 B	85.8	102	199	383	141	132	3678	2768	2468	30
31	2028		99.08		110 E		347	154		3428		2468	31
TOTAL	7 395	6 740	5 801.6	2 215.1	2 561.1	5 880	4 465.7	5 866	4 461	9 368	8 254	7 649	TOTAL
MEAN	239	241	187	73.8	82.6	196	144	183	149	302	275	247	MEAN
MAX	310	326	298	108	128	279	383	298	191	403	329	297	MAX
MIN	164	173	94.0	56.0	69.2	140	71.0	115	120	130	204	188	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 183
MAXIMUM DAILY, 403 ON OCT 22
MINIMUM DAILY, 56.08 ON APR 15
MAXIMUM INSTANTANEOUS,
405 AT 04 14 CST ON OCT 22

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 55 25 N
LONG 105 43 20 W
DRAINAGE AREA, 148 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	639 000	JUL	388 000
FEB	582 000	AUG	490 000
MAR	501 000	SEP	388 000
APR	191 000	OCT	809 000
MAY	220 000	NOV	713 000
JUN	508 000	DEC	661 000

TOTAL DISCHARGE, 5 090 000 dam³

SOUTH SASKATCHEWAN RIVER BELOW GARDINER DAM - STATION NO. 05HF004

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.525	1.609	1.482	1.012	0.850	1.251	---	1.590	1.135	1.491	1.646	1.604	1
2	1.549	1.443	1.481	0.935	0.843	1.454	---	1.535	1.158	1.451	1.589	1.642	2
3	1.652	1.675	1.586	0.895	0.849	---	---	1.362	1.163	1.436	1.584	1.600	3
4	1.703	1.673	1.619	0.880	0.848	---	---	1.461	1.179	1.428	1.589	1.614	4
5	1.762	1.686	1.680	0.852	0.993	---	---	1.518	1.184	1.387	1.572	1.612	5
6	1.817	1.526	1.715	0.863	0.916	---	---	1.592	1.173	1.515	1.587	1.628	6
7	1.757	1.528	1.797	0.881	0.818	---	---	1.711	1.050	1.723	1.584	1.613	7
8	1.658	1.512	1.527	0.840	0.877	---	---	1.363	1.024	1.639	1.604	1.678	8
9	1.728	1.511	1.465	0.877	0.821	---	---	1.298	1.087	1.666	1.615	1.674	9
10	1.566	1.530	1.505	0.880	0.825	---	0.880	1.240	1.172	1.686	1.613	1.622	10
11	1.867	1.582	1.684	0.892	0.841	---	0.945	1.273	1.177	1.660	1.633	1.614	11
12	1.642	1.517	1.634	0.851	0.860	---	0.918	1.155	1.144	1.657	1.632	1.673	12
13	1.552	1.567	1.530	0.845	0.830	---	0.946	1.189	1.160	1.639	1.606	1.725	13
14	1.511	1.583	1.615	0.883	0.804	---	0.998	1.185	1.351	1.648	1.622	1.695	14
15	1.789	1.579	1.312	0.836	0.873	---	0.943	1.165	1.194	1.728	1.608	1.722	15
16	1.779	1.641	1.307	0.868	0.830	---	0.947	1.168	1.151	1.653	1.608	1.720	16
17	1.866	1.822	1.339	0.827	0.815	---	0.953	1.147	1.183	1.828	1.630	1.751	17
18	1.670	1.878	1.184	0.878	0.846	---	0.944	1.155	1.162	1.859	1.653	1.728	18
19	1.595	1.878	0.993	0.892	0.821	---	1.180	1.159	1.168	1.886	1.640	1.700	19
20	1.649	1.885	1.038	0.872	0.829	---	1.116	1.229	1.073	1.884	1.646	1.654	20
21	1.861	1.834	0.992	0.842	1.193	---	1.249	1.148	1.041	1.835	1.635	1.690	21
22	1.848	1.800	1.068	0.832	1.027	---	1.188	1.141	1.156	1.854	1.618	1.681	22
23	1.830	1.747	1.041	0.879	1.081	---	1.316	1.195	1.162	1.830	1.656	1.688	23
24	1.821	1.846	1.189	0.838	1.059	---	1.587	1.127	1.178	1.881	1.641	1.680	24
25	1.871	1.828	1.110	0.847	1.085	---	1.711	1.201	1.159	1.835	1.674	1.670	25
26	1.833	1.552	1.056	0.838	1.111	---	1.783	1.182	1.153	1.834	1.585	1.652	26
27	1.800	1.590	1.011	0.831	1.049	---	1.767	1.178	1.127	1.861	1.618	1.675	27
28	1.883	1.490	1.006	0.819	1.073	---	1.777	1.239	1.181	1.806	1.601	1.665	28
29	1.831		1.087	0.864	1.116	---	1.758	1.303	1.190	1.760	1.604	1.662	29
30	1.837		0.985	0.858	1.396	---	1.780	1.187	1.262	1.679	1.610	1.683	30
31	1.709		0.984		1.427		1.553	1.174		1.710		1.665	31
MEAN	1.822	1.630	1.317	0.871	0.959	---	---	1.277	1.157	1.701	1.617	1.668	MEAN
MAX	1.917	1.885	1.797	1.012	1.427	---	---	1.711	1.351	1.886	1.674	1.751	MAX
MIN	1.466	1.443	0.984	0.827	0.804	---	---	1.127	1.024	1.367	1.572	1.600	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 1.917 ON JAN 6
MINIMUM DAILY, 0.804 ON MAY 14
MAXIMUM INSTANTANEOUS,
2.103 AT 00 20 CST ON FEB 17

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 486.824 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 19 20 N
LONG 106 57 10 W

REGULATED SINCE 1953

DRAINAGE AREA,
136 000 km²

SPANGLER DITCH NEAR GOVENLOCK - STATION NO. 11AB060

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	1.27	0	0.703	0	0	---	---	1
2	---	---	0	0	0	1.29	0	0.407	0	0	---	---	2
3	---	---	0.050E	0	0	1.22	0	0.006	0	0	---	---	3
4	---	---	0.250E	0	0	0.666	0	0	0	0	---	---	4
5	---	---	0.728A	0	0	0.705	0	0	0	0	---	---	5
6	---	---	0.732	0	0	0.276	0	0	0	0	---	---	6
7	---	---	0.805	0	0	0.015	0	0	0	0	---	---	7
8	---	---	0.663	0	0	0.012	0	0	0	0	---	---	8
9	---	---	0.696	0	0	0.021	0	0	0	0	---	---	9
10	---	---	0.716	0	0	0.020	0	0	0	0	---	---	10
11	---	---	0.699E	0	0	0	0	0	0	0	---	---	11
12	---	---	0.688A	0	0	0	0	0	0	0	---	---	12
13	---	---	0.691	0	0	0	0	0	0	0	---	---	13
14	---	---	0.698	0	0	0	0	0	0	0	---	---	14
15	---	---	0.692	0	0	0	0	0	0	0	---	---	15
16	---	---	0.696	0	0	0	0	0	0	0	---	---	16
17	---	---	0.703	0	0	0	0	0	0	0	---	---	17
18	---	---	0.693	0	0	0	0	0	0	0	---	---	18
19	---	---	0.470	0	0	0	0	0	0	0	---	---	19
20	---	---	0.047	0	0.787	0	0	0	0	0	---	---	20
21	---	---	0.016	0	1.37	0	0.522	0	0	0	---	---	21
22	---	---	0	0	0.716	0	0.784	0	0	0	---	---	22
23	---	---	0	0	0.021	0	0.787	0	0	0	---	---	23
24	---	---	0	0	0.008	0	0.785	0	0	0	---	---	24
25	---	---	0	0	0	0	0.792	0	0.574	0	---	---	25
26	---	0	0	0	0	0	0.800	0	0.799	0	---	---	26
27	---	0	0	0	0.832	0	0.808	0	0	0	---	---	27
28	---	0	0	0	1.21	0	0.812	0	0	0	---	---	28
29	---		0	0	1.23	0	0.804	0	0	0	---	---	29
30	---		0	0	1.24	0	0.792	0	0	0	---	---	30
31	---		0		1.26		0.784	0		0		---	31
TOTAL	---	---	10.733	0	8.682	5.697	8.430	1.116	1.473	0	---	---	TOTAL
MEAN	---	---	0.346	0	0.280	0.190	0.272	0.036	0.049	0	---	---	MEAN
MAX	---	---	0.805	0	1.37	1.29	0.812	0.703	0.799	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.147
MAXIMUM DAILY, 1.37 ON MAY 21
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 09 16 N
LONG 109 54 58 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	728
FEB	---	AUG	95.4
MAR	927	SEP	127
APR	0	OCT	0
MAY	750	NOV	---
JUN	492	DEC	---

TOTAL DISCHARGE, 3 120 dam³

SPIRIT CREEK NEAR PUCHANAN - STATION NO. 05MB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	7.84 B	0.046	0	0	0.003	0.002	0	---	---	1
2	---	---	0 B	8.77 B	0.042	0	0	0.002	0.002	0	---	---	2
3	---	---	0 B	5.80 B	0.040	0	0	0.002	0.002	0	---	---	3
4	---	---	0 B	5.31 B	0.038	0	0	0.002	0.001	0	---	---	4
5	---	---	0 B	4.20	0.038	0	0	0.003	0.001	0	---	---	5
6	---	---	0 B	4.07	0.034	0	0	0.006	0	0	---	---	6
7	---	---	0 B	3.68	0.030	0	0	0.045	0	0	---	---	7
8	---	---	0 B	3.18	0.028	0	0.001	0.038	0	0	---	---	8
9	---	---	0 B	2.53	0.028	0	0.001	0.035	0	0	---	---	9
10	---	---	0 B	2.29	0.028	0	0.001	0.034	0	0	---	---	10
11	---	---	0 B	1.76	0.025	0	0.003	0.035	0	0	---	---	11
12	---	---	0 B	1.15	0.026	0	0.005	0.033	0.001	0	---	---	12
13	---	---	0 B	1.05	0.024	0	0.005	0.031	0	0	---	---	13
14	---	---	0 B	1.09	0.022	0	0.007	0.030	0	0	---	---	14
15	---	---	0 B	1.02	0.018	0	0.012	0.029	0	0	---	---	15
16	---	---	0 B	1.04	0.017	0	0.011	0.028	0	0	---	---	16
17	---	---	0 B	0.948	0.014	0	0.011	0.027	0	0	---	---	17
18	---	---	0 B	0.779	0.012	0	0.011	0.025	0	0	---	---	18
19	---	---	0 B	0.632	0.009	0.001	0.009	0.023	0	0	---	---	19
20	---	---	0 B	0.529	0.007	0.001	0.008	0.020	0	0	---	---	20
21	---	---	0 B	0.415	0.006	0.001	0.007	0.018	B.001	0	---	---	21
22	---	---	0.068B	0.338	0.004	0.001	0.006	0.015	0	0	---	---	22
23	---	---	0.442B	0.253	0.003	0	0.006	0.013	0	0	---	---	23
24	---	---	1.16 B	0.230	0.002	0	0.005	0.012	0	0	---	---	24
25	---	---	0.899B	0.190	0.001	0	0.005	0.010	0.001	0	---	---	25
26	---	---	0.673B	0.133	0.001	0	0.004	0.009	0.001	0	---	---	26
27	---	---	0.525B	0.102	0.001	0	0.004	0.007	0.001	0	---	---	27
28	---	---	2.05 B	0.080	0	0	0.003	0.006	0	0	---	---	28
29	---		4.40 B	0.065	0	0	0.003	0.005	0	0B	---	---	29
30	---		5.45 B	0.049	0	0	0.003	0.004	0	0B	---	---	30
31	---		5.45 B		0		0.003	0.003		0B		---	31
TOTAL	---	---	22.227	59.523	0.545	0.004	0.134	0.554	0.013	0	---	---	TOTAL
MEAN	---	---	0.717	1.98	0.018	0	0.004	0.018	0	0	---	---	MEAN
MAX	---	---	5.45	8.77	0.046	0.001	0.012	0.045	0.002	0	---	---	MAX
MIN	---	---	0	0.049	0	0	0	0.002	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.339
MAXIMUM DAILY, 8.77B ON APR 2
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
11.2B AT 01:36 CST ON APR 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 42 36 N
LONG 102 46 21 W
DRAINAGE AREA, 259 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	11.5
FEB	---	AUG	47.8
MAR	1 820	SEP	1.12
APR	5 140	OCT	0
MAY	47.1	NOV	---
JUN	0.35	DEC	---

TOTAL DISCHARGE, 7 170 dam³

SPRUCE RIVER BELOW ANGLIN LAKE RESERVOIR - STATION NO 05GG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.151	0.149	0.231	0.418	2.16	1.22	0.153	0.150	0.163	0.150	0.180E	0.077	1
2	0.588	0.167	0.223	0.439	0.852	1.18	0.153	0.156	0.158	0.164	0.180E	0.074	2
3	0.072	0.172	0.213	0.453	0.654	1.15	0.152	0.153	0.162	0.154	0.180E	0.072	3
4	0.583	0.178	0.211	0.486	0.574	1.09	0.155	0.164	0.146	0.162	0.130E	0.069	4
5	0.070	0.182	0.212	0.540	0.249	0.844	0.149	0.165	0.156	0.147	0.119E	0.068	5
6	0.074	0.178	0.211	0.662	0.228	0.572	0.150	0.174	0.150	0.149	0.111E	0.066	6
7	0.072	0.189	0.219	1.11	0.291	0.460	0.157	0.173	0.143	0.143	0.104E	0.065	7
8	0.072	0.196	0.267	1.40	0.396	0.334	0.162	0.179	0.151	0.146	0.099E	0.062	8
9	0.068	0.188	0.281	1.62	0.481	0.342	0.165	0.182	0.150	0.153	0.096E	0.058	9
10	0.072	0.185	0.285	1.64	0.539	0.336	0.159	0.204	0.152	0.153	0.095A	0.055	10
11	0.072	0.181	0.281	1.62	0.550	0.321	0.171	0.202	0.141	0.151	0.094	0.053	11
12	0.072	0.187	0.277	1.61	0.671	0.322	0.158	0.194	0.156	0.148	0.092	0.054	12
13	0.077	0.205	0.283	1.62	0.843	0.331	0.159	0.187	0.144	0.147	0.088	0.052	13
14	0.078	0.207	0.279	1.60	0.963	0.320	0.174	0.177	0.149	0.150	0.087	0.051	14
15	0.077	0.204	0.281	1.58	1.23	0.274	0.209	0.157	0.148	0.153	0.088	0.049	15
16	0.082	0.210	0.282	1.56	1.62	0.272	0.190	0.152	0.142	0.153	0.086	0.049	16
17	0.088	0.216	0.284	1.73	1.53	0.234	0.165	0.155	0.142	0.157	0.086	0.048	17
18	0.078	0.221	0.285	1.87	1.31	0.203	0.147	0.158	0.147	0.158	0.085	0.045	18
19	0.093	0.224	0.289	1.85	1.19	0.186	0.125	0.164	0.147	0.156	0.085	0.044	19
20	0.098	0.227	0.292	1.82	1.38	0.158	0.133	0.150	0.155	0.165	0.086	0.043	20
21	0.113	0.220	0.285	1.80	1.59	0.154	0.151	0.153	0.155	0.168	0.086	0.041	21
22	0.112	0.217	0.300	1.84	1.60	0.149	0.157	0.152	0.147	0.166	0.086	0.036	22
23	0.124	0.227	0.304	1.86	1.58	0.159	0.171	0.155	0.144	0.166	0.088	0.035	23
24	0.140	0.224	0.311	1.87	1.54	0.153	0.168	0.155	0.148	0.165	0.089	0.036	24
25	0.145	0.223	0.334	2.35	1.40	0.152	0.168	0.151	0.160	0.166	0.089	0.035	25
26	0.149	0.227	0.333	2.89	1.28	0.150	0.171	0.151	0.170	0.169	0.092	0.034	26
27	0.150	0.224	0.331	2.89	1.24	0.153	0.179	0.159	0.167	0.170	0.090	0.034	27
28	0.145	0.230	0.335	2.80	1.50	0.151	0.184	0.155	0.164	0.173	0.083	0.031	28
29	0.125		0.346	2.67	1.52	0.153	0.179	0.162	0.154	0.177	0.081	0.031	29
30	0.135		0.372	2.57	1.47	0.148	0.170	0.163	0.154	0.178	0.079	0.031	30
31	0.132		0.390		1.40		0.157	0.160		0.182A		0.029	31
TOTAL	3.086	5.669	8.847	49.267	33.641	11.671	5.041	5.122	4.565	4.921	3.036	1.527	TOTAL
MEAN	0.100	0.202	0.285	1.64	1.09	0.389	0.163	0.165	0.152	0.159	0.101	0.049	MEAN
MAX	0.151	0.230	0.390	2.89	2.16	1.22	0.209	0.204	0.170	0.182	0.180	0.077	MAX
MIN	0.068	0.149	0.211	0.418	0.238	0.148	0.125	0.150	0.141	0.142	0.079	0.029	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.374
MAXIMUM DAILY, 2.89 ON APR 26
MINIMUM DAILY, 0.029 ON DEC 31
MAXIMUM INSTANTANEOUS,
3.08 AT 21:19 CST ON APR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 39 50 N
LONG 106 00 30 W
DRAINAGE AREA, 670 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1962

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	267	JUL	436
FEB	490	AUG	443
MAR	764	SEP	394
APR	4 250	OCT	425
MAY	2 910	NOV	262
JUN	1 010	DEC	132

TOTAL DISCHARGE, 11 800 dam³

SPRUCE RIVER DIVERSION TO EMMA LAKE - STATION NO 05GG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0.414	0	---	---	1
2	---	---	0	0	0	0	0	0		0	---	---	2
3	---	---	0	0	0	0	0	0		0	---	---	3
4	---	---	0	0	0	0	0	0		0	---	---	4
5	---	---	0	0	0	0	0	0		0	---	---	5
6	---	---	0	0	0	0	0	0		0	---	---	6
7	---	---	0	0	0	0	0	0		0	---	---	7
8	---	---	0	0	0	0	0	0		0	---	---	8
9	---	---	0	0	0	0	0	0		0	---	---	9
10	---	---	0	0	0	0	0	0		0	---	---	10
11	---	---	0	0	0	0	0	0		0	---	---	11
12	---	---	0	0	0	0	0	0		0	---	---	12
13	---	---	0	0	0	0	0	0		0	---	---	13
14	---	---	0	0	0	0	0	0		0	---	---	14
15	---	---	0	0	0	0	0	0		0	---	---	15
16	---	---	0	0	0	0	0	0		0	---	---	16
17	---	---	0	0	0	0	0	0		0	---	---	17
18	---	---	0	0	0	0	0	0.508		0	---	---	18
19	---	---	0	0	0	0	0	0.524		0	---	---	19
20	---	---	0	0	0	0	0	0.522		0	---	---	20
21	---	---	0	0	0	0	0	0.522		0	---	---	21
22	---	---	0	0	0	0	0	0.516		0	---	---	22
23	---	---	0	0	0	0	0	0.512		0	---	---	23
24	---	---	0	0	0	0	0	0.516		0	---	---	24
25	---	---	0	0	0	0	0	0.512		0	---	---	25
26	---	---	0	0	0	0	0	0.516		0	---	---	26
27	---	---	0	0	0	0	0	0.521		0	---	---	27
28	---	---	0	0	0	0	0	0.521		0	---	---	28
29	---		0	0	0	0	0	0.518		0	---	---	29
30	---		0	0	0	0	0	0.515		0	---	---	30
31	---		0		0		0	0.512		0	---	---	31
TOTAL	---	---	0	0	0	0	0	7.235	0.414	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0.233	0.014	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0.524	0.414	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.031
MAXIMUM DAILY, 0.524 ON AUG 18
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.528 AT 15:37 CST ON AUG 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 40 20 N
LONG 106 00 00 W

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	625
MAR	0	SEP	35.8
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 661 dam³

SQUAW COULEE NEAR WILLOW CREEK - STATION NO. 11AB103

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.93 B	0.001	0	0.002	0	0	0	0.377	---	---	1
2	---	---	1.73 E	0	0	0.001	0	0	0	0.270	---	---	2
3	---	---	1.45 A	0	0	0	0	0	0	0.188	---	---	3
4	---	---	1.31	0	0	0	0	0	0	0.143	---	---	4
5	---	---	0.950	0	0	0.018	0	0	0	0.109	---	---	5
6	---	---	0.458A	0	0	0.075	0	0	0	0.086	---	---	6
7	---	---	0.097A	0	0	0.093	0	0	0	0.071	---	---	7
8	---	---	0.147E	0	0	0.106	0	0	0	0.057	---	---	8
9	---	---	0.128E	0	0	0.083	0	0	0	0.050	---	---	9
10	---	---	0.107E	0	0	0.049	0	0	0	0.038	---	---	10
11	---	---	0.091E	0	0	0.031	0	0	0	0.031	---	---	11
12	---	---	0.058A	0	0.158	0.022	0	0	0	0.026	---	---	12
13	---	---	0.037	0	0.100	0.021	0	0	0	0.021	---	---	13
14	---	---	0.021	0	0.029	0.020	0	0	0	0.017	---	---	14
15	---	---	0.008	0	0.014	0.016	0	0	0	0.015	---	---	15
16	---	---	0.586	0	0.009	0.011	0	0	0	0.013	---	---	16
17	---	---	0.09	0	0.005	0.006	0	0	0	0.011	---	---	17
18	---	---	0.021	0	0.002	0.009	0	0	0	0.009	---	---	18
19	---	---	0.006	0	0.001	0.034	0	0	0	0.007	---	---	19
20	---	---	0.009	0	0	0.040	0	0	0	0.005	---	---	20
21	---	---	0.406	0	0	0.018	0	0	0	0.005	---	---	21
22	---	---	1.47	0	0.006	0.010	0	0	0	0.004	---	---	22
23	---	---	0.277	0	0.022	0.006	0	0	0	0.003	---	---	23
24	---	0 8	0.171	0	0.288	0.004	0	0	0	0.003	---	---	24
25	---	0.2108	0.141	0	0.315	0.002	0	0	---	0.002	---	---	25
26	---	0.3908	0.093	0	0.112	0.001	0	0	---	0.002	---	---	26
27	---	0.7008	0.065	0	0.045	0.001	0	0	6.30 A	0.002	---	---	27
28	---	1.30 B	0.041	0	0.025	0	0	0	1.74	0.001	---	---	28
29	---		0.022	0	0.014	0	0	0	0.933	0.001	---	---	29
30	---		0.010	0	0.008	0	0	0	0.535	0.001A	---	---	30
31	---		0.002		0.004		0	0		0.001E		---	31
TOTAL	---	---	11.946	0.001	1.158	0.679	0	0	---	1.989	---	---	TOTAL
MEAN	---	---	0.385	0	0.037	0.023	0	0	---	0.051	---	---	MEAN
MAX	---	---	1.93	0.001	0.315	0.106	0	0	---	0.377	---	---	MAX
MIN	---	---	0.002	0	0	0	0	0	---	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON APR 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 02 11 N
LONG 109 48 23 W
DRAINAGE AREA, 102 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1 030	SEP	---
APR	0.09	OCT	136
MAY	100	NOV	---
JUN	58.7	DEC	---

REMARKS - DISCHARGES FOR SEP 25 AND 26 NOT COMPUTED BECAUSE THE STAGE-DISCHARGE RELATION WAS NOT DEFINED ABOVE 7.19 m^3/s

STOCKHOLM INDEX RESERVOIR - STATION NO. 05JM019

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	27.723	---	---	1
2	---	---	---	---	---	---	28.559	---	---	---	---	---	2
3	---	---	---	---	---	28.833	---	---	27.855	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	27.605	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	28.267	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	28.184	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	27.470	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	29.100	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	27.485E	---	---	---	---	---	---	---	---	---	---	28
29	---		---	28.880	---	---	---	---	---	---	---	---	29
30	---		---	28.976E	---	28.576E	---	---	27.728E	---	---	---	30
31	---		29.129		28.836E		28.300E	27.897E		27.620E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 45 08 N
LONG 102 16 51 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

STONY CREEK NEAR KAMSACK - STATION NO. 05MD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.013B	5.35 B	0.280	0.042	0.003	0.114	0.001	0.001	0.029	---	1
2	---	---	0.014B	9.10 B	0.316	0.011	0.003	0.084	0.001	0.385	0.031	---	2
3	---	---	0.014B	7.79 B	0.310	0.007	0.003	0.084	0.001	0.323	0.030	---	3
4	---	---	0.014B	5.63 B	0.436	0.004	0.003	0.021	0.001	0.202	0.032B	---	4
5	---	---	0.016B	4.38	0.412	0.005	0.007	0.023	0.001	0.325	0.031B	---	5
6	---	---	0.017B	3.58	0.523	0.007	0.025	0.009	0.001	0.224	---	---	6
7	---	---	0.016B	3.06	0.455	0.005	0.055	0.019	0.001	0.137	---	---	7
8	---	---	0.014B	2.55	0.406	0.003	0.053	0.014	0.001	0.189	---	---	8
9	---	---	0.012B	2.18	0.400	0.003	0.022	0.008	0.001	0.156	---	---	9
10	---	---	0.011B	1.89	0.458	0.004	0.036	0.005	0.001	0.084	---	---	10
11	---	---	0.012B	1.57	0.458	0.003	0.038	0.003	0.001	0.051	---	---	11
12	---	---	0.013B	1.20 B	0.434	0.003	0.004	0.002	0.001	0.048	---	---	12
13	---	---	0.012B	1.08 B	0.444	0.003	0.008	0.001	0.001	0.049	---	---	13
14	---	---	0.014B	0.9608	0.525	0.003	0.006	0.001	0.001	0.044	---	---	14
15	---	---	0.016B	0.8508	0.547	0.009	0.003	0.001	0.001	0.046	---	---	15
16	---	---	0.018B	0.737	0.442	0.010	0.004	0.001	0.001	0.038	---	---	16
17	---	---	0.021B	0.867	0.379	0.003	0.189	0.001	0.001	0.035	---	---	17
18	---	---	0.023B	0.821	0.324	0.003	0.063	0.001	0.001	0.032	---	---	18
19	---	---	0.025B	0.749	0.292	0.003	0.006	0.001	0.001	0.082	---	---	19
20	---	---	0.027B	0.682	0.305	0.003	0.155A	0.001	0.001	0.027	---	---	20
21	---	---	0.026B	0.581	0.274	0.003	0.065	0.001	0.001	0.015	---	---	21
22	---	---	0.278B	0.517	0.228	0.002	0.003	0.001	0.001	0.016	---	---	22
23	---	---	0.358B	0.523	0.188	0.002	0.001	0.001	0.001	0.054	---	---	23
24	---	---	0.247B	0.564	0.126	0.002	0.001	0.001	0.001	0.025	---	---	24
25	---	---	0.157B	0.540	0.115	0.002	0.001	0.001	0.001	0.018	---	---	25
26	---	0.013B	0.115B	0.425	0.062	0.003	0.122	0.001	0.001	0.032	---	---	26
27	---	0.013B	0.145B	0.335	0.044	0.002	0.166	0.001	0.001	0.025	---	---	27
28	---	0.013B	0.507B	0.309	0.039	0.002	0.318	0.001	0.001	0.015	---	---	28
29	---		1.28 B	0.267	0.018	0.002	0.258	0.001	0.001	0.013	---	---	29
30	---		3.19 B	0.264	0.010	0.002	0.215	0.001	0.001	0.016	---	---	30
31	---		5.90 B		0.117		0.129	0.001		0.024		---	31
TOTAL	---	---	12.526	60.351	9.378	0.156	1.975	0.395	0.030	2.671	---	---	TOTAL
MEAN	---	---	0.404	2.01	0.303	0.005	0.064	0.013	0.001	0.086	---	---	MEAN
MAX	---	---	5.90	9.10	0.547	0.042	0.318	0.114	0.001	0.385	---	---	MAX
MIN	---	---	0.011	0.264	0.010	0.002	0.001	0.001	0.001	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.357
MAXIMUM DAILY, 9.10B ON APR 2
MINIMUM DAILY, 0.001 ON JUL 23
MAXIMUM INSTANTANEOUS,
8.51B AT 08:53 CST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 23 19 N
LONG 101 50 19 W
DRAINAGE AREA, 445 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	171
FEB	---	AUG	34.1
MAR	1 080	SEP	2.59
APR	5 210	OCT	231
MAY	810	NOV	---
JUN	13.5	DEC	---

TOTAL DISCHARGE, 7 550 dam³

STONY CREEK NEAR STENEN - STATION NO. 05MC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.5388	0.679	0	0	0	0	0	---	---	1
2	---	---	0 B	0.3998	0.591	0	0	0	0	0	---	---	2
3	---	---	0 B	0.2138	0.502	0	0	0	0	0	---	---	3
4	---	---	0 B	0.2308	0.440	0	0	0	0	0	---	---	4
5	---	---	0 B	0.6548	0.385	0	0	0	0	0	---	---	5
6	---	---	0 B	1.45	0.340	0	0	0	0	0	---	---	6
7	---	---	0 B	3.23	0.281	0	0	0	0	0	---	---	7
8	---	---	0 B	5.31	0.231	0	0	0	0	0	---	---	8
9	---	---	0 B	8.30	0.218	0	0	0	0	0	---	---	9
10	---	---	0 B	8.80	0.217	0	0	0	0	0	---	---	10
11	---	---	0 B	8.65	0.208	0	0	0	0	0	---	---	11
12	---	---	0 B	8.27 A	0.233	0.001	0	0	0	0	---	---	12
13	---	---	0 B	7.24 E	0.211	0	0	0	0	0	---	---	13
14	---	---	0 B	6.32 E	0.176	0	0	0	0	0	---	---	14
15	---	---	0 B	5.77 A	0.146	0	0	0	0	0	---	---	15
16	---	---	0 B	5.12	0.120	0	0	0	0	0	---	---	16
17	---	---	0 B	4.48	0.091	0	0	0	0	0	---	---	17
18	---	---	0 B	3.94	0.059	0	0	0	0	0	---	---	18
19	---	---	0 B	3.45	0.033	0	0	0	0	0	---	---	19
20	---	---	0 B	2.98	0.011	0	0	0	0	0	---	---	20
21	---	---	0 B	2.59	0.003	0	0	0	0	0	---	---	21
22	---	---	0 B	2.22	0.002	0	0	0	0	0	---	---	22
23	---	---	0 B	1.96	0.001	0	0	0	0	0	---	---	23
24	---	---	0 B	1.72	0.001	0	0	0	0	0	---	---	24
25	---	---	0 B	1.50	0.001	0	0	0	0	0	---	---	25
26	---	---	0 B	1.31	0.001	0	0	0	0	0	---	---	26
27	---	---	0 B	1.18	0.001	0	0	0	0	0	---	---	27
28	---	---	0 B	1.03	0	0	0	0	0	0	---	---	28
29	---		0.001B	0.885	0	0	0	0	0	0	---	---	29
30	---		0.084B	0.772	0	0	0	0	0	0	---	---	30
31	---		0.248B		0		0	0		0		---	31
TOTAL	---	---	0.335	101.311	5.180	0.001	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.011	3.38	0.167	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.248	8.65	0.679	0.001	0	0	0	0	---	---	MAX
MIN	---	---	0	0.213	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.436
MAXIMUM DAILY, 8.65 ON APR 11
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.70 AT 19:01 CST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 52 50 N
LONG 102 19 48 W
DRAINAGE AREA, 253 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	28.9	SEP	0
APR	8 750	OCT	0
MAY	448	NOV	---
JUN	0.09	DEC	---

TOTAL DISCHARGE, 9 230 dam³

STURGEON LAKE NEAR PRINCE ALBERT - STATION NO. OSGF003

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	7.908	7.801	---	---	---	---	---	2
3	---	---	---	---	---	7.887	---	7.896	---	---	---	---	3
4	---	---	---	---	---	---	7.564	7.706	---	---	---	---	4
5	---	---	---	---	---	7.885	7.559	7.706	---	---	7.620	---	5
6	---	---	---	---	---	7.854	---	---	---	---	---	---	6
7	---	---	---	---	---	7.853	---	7.711	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	7.843	---	---	---	---	---	---	9
10	---	---	---	---	---	---	7.559	7.711	---	---	---	---	10
11	---	---	---	---	---	---	7.563	---	---	---	---	---	11
12	---	---	---	---	---	7.783	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	7.711	---	---	---	---	13
14	---	---	---	---	---	---	7.585	---	---	---	---	---	14
15	---	---	---	---	7.889	7.761	7.585	7.715	---	---	---	---	15
16	---	---	---	---	---	7.729	7.585	7.696	---	---	---	---	16
17	---	---	---	---	---	7.728	7.610	---	---	---	---	---	17
18	---	---	---	---	7.883	---	7.585	7.706	---	---	---	---	18
19	---	---	---	---	7.892	---	7.615	7.706	---	---	---	---	19
20	---	---	---	---	---	---	7.600	7.696	---	---	---	---	20
21	---	---	---	---	---	---	7.595	7.691	---	---	---	---	21
22	---	---	---	---	---	7.684	7.605	7.676	---	---	---	---	22
23	---	---	---	---	7.867	---	7.600	---	---	---	---	---	23
24	---	---	---	---	7.858	---	---	7.676	---	---	---	---	24
25	---	---	---	---	7.988	---	7.610	7.676	---	---	---	---	25
26	---	---	---	---	---	---	7.600	7.676	---	---	---	---	26
27	---	---	---	---	7.954	7.634	---	7.676	---	---	---	---	27
28	---	---	---	---	---	---	7.645	7.676	---	---	---	---	28
29	---		---	---	---	---	7.640	7.676	---	---	---	---	29
30	---		---	---	7.841	---	7.676	7.676	---	---	---	---	30
31	---		---		7.820		7.676	7.671		---			31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 25 21 N
LONG 106 09 42 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

STURGEON RIVER NEAR PRINCE ALBERT - STATION NO. OSGF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.750B	3.86B	5.90	4.72	0.915	0.503	0.266	0.238	0.254	---	1
2	---	---	0.730B	5.31B	5.60	4.36	0.934	0.544	0.260	0.269	0.215	---	2
3	---	---	0.720B	5.05B	5.37	4.11	0.926	0.517	0.238	0.859	0.249	---	3
4	---	---	0.710B	5.58B	5.15	3.93	0.915	0.500	0.197	0.282	0.272	---	4
5	---	---	0.700B	6.34B	4.97	3.84	0.900	0.548	0.157	0.185	0.247	---	5
6	---	---	0.680B	7.60B	4.80	3.61	0.821	0.509	0.124	0.296	---	---	6
7	---	---	0.650B	9.19B	4.72	3.39	0.783	0.523	0.117	0.269	---	---	7
8	---	---	0.610B	10.8 B	4.69	3.17	0.712	0.592	0.090	0.249	---	---	8
9	---	---	0.560B	13.3 B	4.58	2.88	0.619	0.612	0.231	0.212	---	---	9
10	---	---	0.510B	13.9	4.90	2.79	0.548	0.613	0.107	0.225	---	---	10
11	---	---	0.500B	13.1	5.15	2.56	0.538	0.628	0.088	0.200	---	---	11
12	---	---	0.520B	12.8 A	5.43	2.36	0.440	0.609	0.087	0.098	---	---	12
13	---	---	0.540B	13.5 A	5.66	2.22	0.403	0.599	0.104	0.225	---	---	13
14	---	---	0.570B	13.0 A	5.79	2.05	0.341	0.591	0.027	0.260	---	---	14
15	---	---	0.590B	11.8 A	6.03	1.86	0.325	0.636	0.143	0.265	---	---	15
16	---	---	0.600B	11.1 A	6.24	1.69	0.291	0.572	0.145	0.263	---	---	16
17	---	---	0.620B	11.2	6.26	1.55	0.388	0.528	0.170	0.258	---	---	17
18	---	---	0.640B	11.1	6.23	1.42	0.425	0.484	0.180	0.248	---	---	18
19	---	---	0.660B	10.9	6.32	1.34	0.360	0.390	0.185	0.231	---	---	19
20	---	---	0.680B	10.3	6.27	1.22	0.354	0.327	0.166	0.183	---	---	20
21	---	---	0.740B	9.45	6.15	1.12	0.378	0.314	0.117	0.202	---	---	21
22	---	---	0.760B	8.86	6.12	1.04	0.398	0.308	0.241	0.198	---	---	22
23	---	---	0.730B	8.41	6.11	0.974	0	0.300	0.237	0.158	---	---	23
24	---	---	0.700B	8.10	6.08	0.929	0	0.307	0.201	0.097	---	---	24
25	---	---	0.720B	7.83	6.00	0.734	0.270	0.306	0.190	0.073	---	---	25
26	---	---	0.750B	7.60	6.03	0.842	1.05	0.270	0.238	0.099	---	---	26
27	---	---	0.804B	7.37	5.80	0.898	1.21	0.272	0.228	0.114	---	---	27
28	---	---	0.846B	7.07	5.56	0.878	1.19	0.278	0.108	0.139	---	---	28
29	---		0.923B	6.72	5.28	0.859	0.893	0.268	0.238	0.146	---	---	29
30	---		1.21 B	6.33	5.13	0.892	0.542	0.258	0.221	0.151	---	---	30
31	---		1.85 B		5.11		0.360	0.277		0.326		---	31
TOTAL	---	---	22.573	277.47	173.43	84.334	18.230	14.181	5.081	6.416	---	---	TOTAL
MEAN	---	---	0.728	9.25	5.59	2.14	0.588	0.457	0.169	0.207	---	---	MEAN
MAX	---	---	1.85	13.9	6.32	4.72	1.21	0.636	0.266	0.326	---	---	MAX
MIN	---	---	0.680	3.86	4.58	0.734	0	0.258	0.027	0.073	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.37
MAXIMUM DAILY, 13.9 ON APR 10
MINIMUM DAILY, 0 ON JUL 23
MAXIMUM INSTANTANEOUS,
14.9 AT 11:53 CST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 12 47 N
LONG 105 53 05 W
DRAINAGE AREA, 5 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 580
FEB	---	AUG	1 230
MAR	1 950	SEP	439
APR	24 000	OCT	554
MAY	15 000	NOV	---
JUN	5 860	DEC	---

TOTAL DISCHARGE, 50 300 dam³

REMARKS - THE DROP IN DISCHARGE ON JUL 23 AND 24 WAS A RESULT OF BACKWATER FROM THE NORTH SASKATCHEWAN RIVER

STURGEON-WEIR RIVER AT LEAF RAPIDS - STATION NO. 05KG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	41.5	36.4	32.1	29.6	30.5	41.9	49.9	72.2	63.5	53.2E	45.9	41.4	1
2	41.2	36.2	32.1	29.5	30.5	42.2	49.7	72.8	62.9	53.0E	45.7	41.6	2
3	41.0	36.0	32.0	29.2	30.5	42.7	49.8	73.0	62.4	52.9E	45.3	41.4	3
4	40.5	36.1	31.8	29.2	30.5	42.8	49.9	72.9	62.2	52.8E	44.9	41.0	4
5	40.5	35.9	31.7	29.2	30.4	42.7	50.5	72.6	61.5	52.7E	45.0	41.0	5
6	40.1	35.6	31.7	29.4	30.2	42.9	51.8	72.5	61.0	52.6E	45.0	41.0	6
7	39.6	35.6	31.6	29.6	30.0	43.2	52.1	72.6	60.6	52.5E	44.9	41.0	7
8	39.4	35.2	31.5	29.7	29.9	42.9	52.4	72.5	60.3	52.4A	44.9	41.5	8
9	39.5	35.1	31.1	29.8	30.2	43.2	52.6	72.8	59.6	51.9	44.6	41.8	9
10	39.4	34.9	30.9	30.1	30.9	44.0	52.3	72.8	59.8	51.7	44.3	41.9	10
11	39.4	34.8	30.7	30.2	31.7	44.2	52.3	72.8	59.3	51.0	44.0	41.4	11
12	39.3	34.5	30.8	29.7	33.5	45.7	53.0	72.6	58.3	50.3	43.6	41.2	12
13	39.3	34.2	30.7	29.5	34.6	46.4	52.9	72.5	57.9	50.2	43.6	41.0	13
14	39.2	34.1	30.4	29.4	35.3	46.8	53.1	72.1	57.4	49.7	43.4	40.9	14
15	38.9	33.9	30.3	29.3	36.6	47.0	53.3	72.4	56.8	49.3	43.1	40.9	15
16	38.7	33.7	30.2	29.2	38.8	46.9	53.8	72.2	56.3	48.3	42.9	40.6	16
17	38.6	33.6	30.2	29.1	39.5	46.8	54.0	71.5	56.5	49.0	42.6	40.5	17
18	38.4	33.5	30.2	29.0	40.2	47.0	55.5	71.2	56.5	48.7	42.4	40.5	18
19	38.3	33.2	29.9	29.2	40.5	47.7	55.0	70.8	56.4	48.6	42.1	40.5	19
20	38.2	33.0	29.9	28.9	41.0	48.4	55.9	70.0	55.9	48.4	42.0	40.3	20
21	37.9	32.8	29.7	28.8	41.1	48.7	56.6	69.2	55.5	48.3	41.9	39.9	21
22	37.8	32.7	29.8	29.1	41.3	48.8	56.4	69.0	55.4	48.0	41.9	39.9	22
23	37.6	32.6	29.5	29.3	41.4	48.0	57.9	68.5	55.1	47.8	41.8	39.8	23
24	37.5	32.4	29.6	29.4	41.3	48.2	51.8	68.1	54.7	47.7	41.9	39.8	24
25	37.4	32.4	29.4	29.5	41.5	48.8	53.4	67.4	54.3	47.5	42.0	39.7	25
26	37.3	32.8	29.2	29.5	41.5	49.5	64.2	66.5	54.0	47.2	42.1	39.5	26
27	36.9	32.5	29.1	29.4	41.4	49.8	64.2	65.8	53.7	47.0	41.9	39.4	27
28	36.9	32.3	29.1	29.8	41.7	49.9	65.1	65.3	53.7	47.1	41.9	39.4	28
29	36.8		29.2	30.3	41.8	50.0	67.2	65.0	53.8	46.7	41.5	39.2	29
30	36.7		29.3	30.6	41.7	49.8	68.8	64.9	53.4A	46.4	41.4	39.2	30
31	36.6		29.5		41.7		70.6	64.2		46.2		39.1	31
TOTAL	1 200.4	956.0	943.2	884.5	1 131.7	1 386.9	1 747.0	2 178.7	1 728.7	1 540.1	1 298.5	1 256.3	TOTAL
MEAN	38.7	34.1	30.4	29.5	36.5	46.2	56.4	70.3	57.6	49.7	43.3	40.5	MEAN
MAX	41.5	36.4	32.1	30.6	41.8	50.0	70.6	73.0	63.5	53.2	45.9	41.9	MAX
MIN	36.6	32.3	29.1	28.8	29.9	41.9	49.7	64.2	53.4	46.2	41.4	39.1	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 44.5
MAXIMUM DAILY, 73.0 ON AUG 3
MINIMUM DAILY, 28.8 ON APR 21
MAXIMUM INSTANTANEOUS,
73.0 AT 06:25 CST ON AUG 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 49 40 N
LONG 102 38 08 W
DRAINAGE AREA, 12 600 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	104 000	JUL	151 000
FEB	82 600	AUG	188 000
MAR	81 500	SEP	149 000
APR	76 400	OCT	133 000
MAY	97 800	NOV	112 000
JUN	120 000	DEC	109 000

TOTAL DISCHARGE, 1 400 000 dam³

STURGEON-WEIR RIVER AT OUTLET OF AMISK LAKE - STATION NO. 05KG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	57.6	52.2	46.9E	44.6	44.8	53.2	54.6	65.6	66.8	62.6	56.8	54.8	1
2	57.4	52.1	46.8E	44.5	44.8	54.1	53.4	65.5	66.6	62.2	55.8	55.8	2
3	57.2	51.5	46.6A	44.0	44.8	55.0	54.3	66.1	67.8	60.7	55.3	55.6	3
4	57.0	51.0	46.7	43.7	44.8	54.1	53.7	66.9	69.0	62.6	55.2	55.4	4
5	56.8	50.8	46.6	43.5	45.2	53.5	55.2	67.3	68.8	60.7	56.2	55.5	5
6	56.5	50.6	46.0A	43.5	45.2	54.3	56.9	68.9	66.2	61.6	55.9	55.3	6
7	56.1	50.2	45.5	43.7	44.9	54.8	55.4	70.4	65.9	62.8	55.2	55.3	7
8	56.2	49.9	45.4	43.7	45.2A	53.4	55.2	70.2	64.8	61.7	54.9	55.1	8
9	56.1	49.6	45.0	43.8	45.4	53.8	55.3	71.1	64.3	59.4	54.8B	55.8	9
10	56.0	49.4	44.9	44.5	46.0	53.7	54.7	70.4	64.1A	63.1	54.6B	55.8	10
11	55.2	49.1	44.7	44.5	46.6	53.8	55.0	70.3	64.6	59.7	54.5B	55.5	11
12	56.1	49.1	44.6	44.0	47.3	56.8	55.4	70.8	64.4	58.3	54.4	55.0	12
13	55.9	48.8	44.4	43.7	47.8	55.6	56.7	72.1	63.2	59.3	54.3	55.0	13
14	55.7	48.8	44.2	43.5	48.8	54.4	56.2	72.2	62.8	58.6	55.0	54.8	14
15	55.4	48.8	44.0	43.5	49.6	54.4	56.7	72.5	62.3	58.6	55.0	54.8	15
15	55.3	48.4A	43.9	43.4	50.8	53.7	57.0	73.9	62.3	58.4	54.9	54.7	16
17	55.0	48.0E	43.8	43.3	51.1	53.5	56.6	70.7	63.1	58.6	54.6	54.2	17
18	54.7	47.8E	43.9	43.4	51.3	53.6	57.6	70.9	62.8	58.7	54.6	54.4	18
19	54.6	47.8E	43.5	43.4	51.8A	53.1	58.3	72.4	62.4	58.6	54.9	54.1	19
20	54.3	47.8E	43.4	43.4	52.0	53.6	57.6	71.9	62.4	58.2	54.7	54.0	20
21	54.1	47.8E	43.4	43.6	51.9	53.7	58.1	69.8	62.4	58.4	54.8	53.8	21
22	53.8	47.6E	43.4	43.5	51.5	54.6	57.0	70.1	62.6	58.2	54.7	53.6	22
23	53.7	47.6E	43.1	43.3	52.3	54.0	57.9	69.5	62.6	58.0	54.8	53.4	23
24	53.7	47.5E	42.8	43.5	52.9	54.3	60.1	70.6	62.2	57.8	54.9	53.4	24
25	53.7	47.3E	42.7	43.8	53.0	54.8	59.5	70.3	62.6	58.0	55.0	53.0	25
26	53.4	47.1E	42.3	43.6	53.0	55.4	60.1	69.0	60.8	58.1	54.9	52.8	26
27	53.7	47.1E	42.0	43.5	53.3	55.6	59.8	68.4	62.2	57.7	55.0	52.7	27
28	53.4	47.0E	42.3	44.3	53.8	55.0	60.8	68.3	62.1	59.0	54.6	52.6	28
29	53.0		44.0	45.0	53.9	54.5	62.3	68.0	62.4	57.4	54.5	52.5	29
30	52.8		44.9	45.1	54.3	54.4	63.7	69.0	62.7	57.5	54.2	52.4	30
31	52.8		44.9		52.0A		65.0	69.6		57.8		52.2	31
TOTAL	1 708.0	1 370.5	1 378.6	1 314.8	1 530.2	1 628.9	1 779.1	2 162.7	1 815.3	1 842.4	1 648.6	1 684.3	TOTAL
MEAN	55.1	48.9	44.4	43.8	49.4	54.3	57.4	69.8	63.8	59.4	55.0	54.3	MEAN
MAX	57.6	52.2	46.9	45.1	54.3	56.8	65.0	73.9	69.0	63.1	56.8	56.1	MAX
MIN	52.6	47.0	42.0	43.3	44.8	53.1	53.4	65.5	60.8	57.4	54.2	52.2	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 54.7
MAXIMUM DAILY, 73.9 ON AUG 15
MINIMUM DAILY, 42.0 ON MAR 27
MAXIMUM INSTANTANEOUS,
85.3 AT 15:59 CST ON AUG 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 26 20 N
LONG 102 10 30 W
DRAINAGE AREA, 14 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	148 000	JUL	184 000
FEB	118 000	AUG	187 000
MAR	118 000	SEP	185 000
APR	114 000	OCT	159 000
MAY	132 000	NOV	142 000
JUN	141 000	DEC	148 000

TOTAL DISCHARGE, 1 730 000 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE WAS A RESULT OF WIND SET-UP ON AMISK LAKE

SWAN RIVER NEAR NORQUAY - STATION NO. 05LE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.652B	0.371B	0.425B	6.47B	15.5	5.33	2.46	2.13	0.491	1.80	0.960B	0.644B	1
2	0.579B	0.449B	0.440B	6.90B	15.5	4.66	2.18	2.22	0.436	1.78	0.900B	0.689B	2
3	0.564B	0.524B	0.479B	3.40B	14.7	4.51	2.05	2.14	0.416	1.56	0.860B	0.735B	3
4	0.435B	0.576B	0.526B	3.05B	14.4	4.21	1.89	2.02	0.395	1.43	0.816B	0.683B	4
5	0.321B	0.633B	0.584B	12.1 B	14.2	3.93	2.00	1.80	0.385	1.37	0.821B	0.685B	5
6	0.687B	0.453B	0.584B	29.8 B	14.1	4.82	2.21	1.69	0.388	1.28	0.836B	0.708B	6
7	0.693B	0.458B	0.570B	41.3 B	13.3	7.28	3.16	2.08	0.427	1.27	0.832B	0.789B	7
8	0.615B	0.462B	0.522B	40.9 B	13.0	8.14	4.44	2.69	0.500	1.26	0.828B	0.797B	8
9	0.573B	0.432B	0.449B	36.0	12.4	7.87	4.77	2.92	0.579	1.18	0.825B	0.788B	9
10	0.573B	0.366B	0.392B	35.0	13.3	8.24	4.70	3.31	0.619	1.21	0.822B	0.765B	10
11	0.560B	0.306B	0.391B	35.2	14.5	9.81	4.53	3.18	0.678	1.21	0.742B	0.667B	11
12	0.584B	0.307B	0.397B	32.8	14.8	9.87	4.80	2.77	0.801	1.30	0.703B	0.807B	12
13	0.617B	0.297B	0.403B	30.3	16.0	10.4	4.44	2.29	0.669	1.27	0.709B	0.710B	13
14	0.601B	0.311B	0.411B	28.4	17.0	10.5	4.35	1.89	0.573	1.31	0.763B	0.763B	14
15	0.553B	0.290B	0.424B	24.2	17.5	10.5	4.02	1.76	0.947	1.27	0.788B	0.787B	15
16	0.539B	0.268B	0.430B	21.4	18.9	9.91	7.89	1.54	1.08	1.26	0.798B	0.750B	16
17	0.551B	0.235B	0.426B	22.0	19.6	9.08	7.29	1.39	1.11	1.24	0.889B	0.709B	17
18	0.431B	0.259B	0.405B	21.6	20.0	8.27	6.25	1.28	1.17	1.21	0.760B	0.843B	18
19	0.436B	0.293B	0.390B	21.8	19.7	7.35	5.34	1.20	1.15	1.20	0.755B	0.747B	19
20	0.458B	0.298B	0.398B	21.5	18.6	6.51	4.83	1.07	1.18	1.17	0.850B	0.669B	20
21	0.487B	0.313B	0.413B	20.9	17.5	5.85	4.55	0.979	1.43	1.14	0.795B	0.678B	21
22	0.420B	0.298B	0.452B	20.3	15.9	5.22	3.82	0.926	1.58	1.14	0.768B	0.750B	22
23	0.377B	0.285B	0.510B	21.0	14.1	4.43	3.36	0.843	1.40	1.18	0.811B	0.662B	23
24	0.391B	0.316B	0.562B	20.8	12.7	3.91	2.97	0.830	1.56	1.04	0.770B	0.765B	24
25	0.450B	0.363B	0.617B	20.6	11.7	4.65	2.74	0.769	1.60	1.03	0.812B	0.836B	25
26	0.500B	0.398B	0.685B	20.1	10.4	4.57	2.38	0.746	2.10	1.00	0.860B	0.873B	26
27	0.463B	0.392B	0.791B	19.2	9.49	4.11	2.16	0.740	2.38	0.987	0.774B	0.882B	27
28	0.430B	0.406B	1.07 B	18.6	8.66	3.50	2.10	0.692	2.48	0.972	0.784B	0.778B	28
29	0.443B		1.89 B	18.0	7.79	2.89	2.03	0.638	2.19	1.01	0.749B	0.740B	29
30	0.430B		2.20 B	17.1	6.87	2.65	1.95	0.594	1.98	1.05	0.678B	0.823B	30
31	0.382B		3.96 B		6.18		2.00	0.542		1.05 B		0.829B	31
TOTAL	15.795	10.268	22.196	670.72	439.29	193.18	113.46	49.769	33.006	38.099	24.059	23.551	TOTAL
MEAN	0.510	0.366	0.716	22.4	14.2	6.44	3.66	1.61	1.10	1.23	0.802	0.760	MEAN
MAX	0.693	0.575	3.96	41.3	20.0	10.5	7.89	3.31	2.48	1.88	0.960	0.882	MAX
MIN	0.321	0.235	0.390	3.05	6.18	2.65	1.89	0.542	0.385	0.972	0.678	0.644	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.88
MAXIMUM DAILY, 41.3B ON APR 7
MINIMUM DAILY, 0.235B ON FEB 17
MAXIMUM INSTANTANEOUS,
44.7B AT 20 45 CST ON APR 7

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 59 52 N
LONG 102 04 26 W
DRAINAGE AREA, 1 920 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 360	JUL	9 800
FEB	585	AUG	4 300
MAR	1 920	SEP	2 850
APR	58 000	OCT	3 290
MAY	38 000	NOV	2 080
JUN	16 700	DEC	2 030

TOTAL DISCHARGE, 141 000 dam³

SWIFT CURRENT CANAL AT SWIFT CURRENT - STATION NO. 05HD034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	2.95 B	0.373E	0.050	2.91	0.233	0.220	0.185	0	---	---	1
2	---	0 B	2.95 B	0.106E	0.182	2.85	0.273	0.220	0.187	0	---	---	2
3	---	0 B	2.80 B	0	0.155	2.79	0.916	0.220	0.187	0	---	---	3
4	---	0 B	2.30 B	0	0.154	2.78	1.60	0.220	0.187	0	---	---	4
5	---	0 B	1.50 B	0	0.193	2.78	2.11	0.220	0.187	0	---	---	5
6	---	0 B	0.900B	0	0.201	2.79	2.15	0.220	0.187	0	---	---	6
7	---	0 B	0.620B	0	0.192	2.84	2.21	0.220	0.187	0	---	---	7
8	---	0 B	0.630B	0	0.182	2.81	2.22	0.220	0.187	0	---	---	8
9	---	0 B	0.650B	0	0.738	2.82	2.36	0.220	0.187	0	---	---	9
10	---	0 B	0.670B	0	1.59	2.80	3.03	0.220A	0.187	0	---	---	10
11	---	0 B	0.680E	0	1.53	2.12	3.09	0.220E	0.187	0	---	---	11
12	---	0 B	0.695E	0	1.46	1.08	3.18	0.220E	0.187	0	---	---	12
13	---	0 B	0.700E	0	1.16	0.205	3.22	0.220E	0.187	0	---	---	13
14	---	0 B	0.670E	0	0.421	0.201	3.27	0.220A	0.187	0	---	---	14
15	---	0 B	0.600E	0	0.252	0.203	3.20	0.220	0.187	0	---	---	15
16	---	0 B	0.560E	0	0.267	0.218	3.11	0.220	0.187	0	---	---	16
17	---	0 B	0.520E	0	0.277	0.426	3.28	0.220	0.187	0	---	---	17
18	---	0 B	0.500E	0	0.280	0.242	3.19	0.215	0.187	0	---	---	18
19	---	0 B	0.493E	0	0.275	0.230	3.25	0.210	0.187	0	---	---	19
20	---	0 B	0.448E	0	0.266	0.212	3.36	0.205	0.187	0	---	---	20
21	---	0 B	0.422E	0	0.286	0.192	3.24	0.200	0.187	0	---	---	21
22	---	0 B	0.498E	0	2.50	0.184	3.14	0.195	0.187	0	---	---	22
23	---	0 B	0.488E	0	3.62	0.153	2.71	0.190	0.187	0	---	---	23
24	---	0 B	0.476E	0	3.52	0.128	2.56	0.185	0.187	0	---	---	24
25	---	0 B	0.428E	0	3.40	0.173	1.13	0.185	0.030	0	---	---	25
26	---	0.600B	0.353E	0	3.31	0.188	0.230	0.185	0	0	---	---	26
27	---	1.20 B	0.428E	0	3.20	0.173	0.220	0.185	0	0	---	---	27
28	---	2.48 B	0.605E	0	3.08	0.161	0.220	0.190	0	0	---	---	28
29	---		0.609E	0	3.23	0.156	0.222	0.190	0	0	---	---	29
30	---		0.563E	0	3.23	0.180	0.221	0.190	0	0	---	---	30
31	---		0.489E		3.03		0.220	0.190		0		---	31
TOTAL	---	4.280	27.184	0.479	42.211	34.673	63.385	5.455	4.758	0	---	---	TOTAL
MEAN	---	0.153	0.877	0.016	1.36	1.15	2.05	0.208	0.159	0	---	---	MEAN
MAX	---	2.48	2.95	0.373	3.62	2.91	3.36	0.220	0.187	0	---	---	MAX
MIN	---	0	0.353	0	0.050	0.125	0.220	0.185	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.672
MAXIMUM DAILY, 3.62 ON MAY 23
MINIMUM DAILY, 0B ON FEB 1

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 18 03 N
LONG 107 46 43 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	5 480
FEB	370	AUG	558
MAR	2 350	SEP	411
APR	41.4	OCT	0
MAY	3 650	NOV	---
JUN	2 980	DEC	---

TOTAL DISCHARGE, 15 800 dam³

SWIFT CURRENT CREEK BELOW REID LAKE - STATION NO. 05HD041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.705	0.642	0.196	0.178	0.306	4.42	4.12	3.95	0.573	0.534	0.406	0.835	1
2	0.717	0.642	0.071	0.189	0.510	4.47	4.11	3.97	0.607	0.560	0.364	0.856	2
3	0.703	0.645	0.055	0.182	0.501	4.53	5.41	3.95	0.629	0.574	0.340	0.832	3
4	0.710	0.639	0.111	0.173	0.507	4.57	8.54	3.87	0.624	0.577	0.326	0.819	4
5	0.798	0.658	0.228	0.183	0.585	4.60	8.46	3.88	0.675	0.574	0.310	0.849	5
6	0.745	0.714	0.227	0.189	0.539	4.62	8.46	3.01	0.687	0.561	0.319	0.839	6
7	0.700	0.678	0.216	0.186	0.487	4.70	9.85	0.491	0.700	0.564	0.324	0.840	7
8	0.695	0.697	0.214	0.169	0.413	4.87	12.4	0.309	0.615	0.561	0.336	0.932	8
9	0.680	0.671	0.208	0.169	0.492	4.65	12.3	0.240	0.323	0.570	0.321	0.881	9
10	0.672	0.692	0.211	0.180	0.472	3.52	12.3	0.200	0.343	0.583	0.695	0.858	10
11	0.702	0.685	0.208	0.180	0.465	2.10	12.2	0.171	0.364	0.568	1.09	0.819	11
12	0.675	0.702	0.202	0.179	0.484	1.17	12.2	0.165	0.377	0.557	1.03	0.801	12
13	0.669	0.736	0.202	0.182	0.450	1.03	12.2	0.146	0.388	0.552	0.982	0.812	13
14	0.657	0.722	0.198	0.175	0.428	0.833	12.1	0.134	0.396	0.537	0.944	0.805	14
15	0.658	0.688	0.198	0.204	0.492	0.791	12.0	0.142	0.384	0.522	0.901	0.807	15
16	0.655	0.711	0.202	0.165	0.456	0.874	12.1	0.162	0.414	0.542	0.888	0.806	16
17	0.687	0.709	0.203	0.178	0.450	0.940	11.9	0.169	0.446	0.525	0.864	0.822	17
18	0.672	0.720	0.217	0.176	0.426	1.04	11.9	0.165	0.459	0.521	0.837	0.847	18
19	0.663	0.736	0.214	0.176	0.436	0.722	12.1	0.169	0.487	0.517	0.845	0.839	19
20	0.721	0.720	0.209	0.173	0.436	0.312	12.2	0.180	0.520	0.525	0.811	0.844	20
21	0.688	0.740	0.203	0.174	2.91	0.358	11.7	0.186	0.539	0.504	0.788	0.837	21
22	0.678	0.727	0.199	0.184	3.83	0.452	10.7	0.271	0.467	0.507	0.756	0.836	22
23	0.674	0.747	0.179	0.206	3.45	0.586	10.6	0.494	0.346	0.509	0.775	0.845	23
24	0.696	0.761	0.180	0.189	3.44	0.710	6.23	0.562	2.34	0.494	0.798	0.859	24
25	0.690	0.793	0.201	0.165	3.45	0.867	3.79	0.585	0.469	0.490	0.809	0.889	25
26	0.662	0.271	0.177	0.175	3.44	1.15	3.78	0.605	0.425	0.481	0.821	0.879	26
27	0.658	0.221	0.174	0.174	3.68	1.69	3.76	0.570	0.407	0.473	0.831	0.886	27
28	0.667	0.229	0.177	0.185	4.15	1.95	3.76	0.591	0.429	0.468	0.832	0.907	28
29	0.646		0.184	0.188	4.20	2.81	3.61	0.582	0.456	0.470	0.823	0.861	29
30	0.631		0.178	0.186	4.24	4.01	3.78	0.585	0.634	0.473	0.809	0.862	30
31	0.624		0.182		4.34		3.86	0.564		0.461		0.809	31
TOTAL	21.196	18.286	5.822	5.412	58.445	69.357	272.80	31.048	16.523	16.354	20.955	26.191	TOTAL
MEAN	0.684	0.653	0.188	0.180	1.63	2.31	8.80	1.00	0.551	0.528	0.699	0.845	MEAN
MAX	0.798	0.793	0.228	0.206	4.34	4.87	12.4	3.97	2.34	0.583	1.09	0.932	MAX
MIN	0.624	0.221	0.055	0.165	0.306	0.312	3.78	0.134	0.323	0.461	0.310	0.801	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.52
MAXIMUM DAILY, 12.4 ON JUL 8
MINIMUM DAILY, 0.055 ON MAR 3
MAXIMUM INSTANTANEOUS,
12.6 AT 18:32 CST ON JUL 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 51 N
LONG 108 02 40 W
DRAINAGE AREA, 2 470 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 830	JUL	23 600
FEB	1 580	AUG	2 880
MAR	503	SEP	1 430
APR	468	OCT	1 410
MAY	4 360	NOV	1 810
JUN	5 990	DEC	2 260

TOTAL DISCHARGE, 47 900 dam³

SWIFT CURRENT CREEK BELOW ROCK CREEK - STATION NO. 05HD036

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.221B	0.422B	21.0 B	1.91	0.543	0.584	0.039	0.083	0.006	1.66	0.685	0.409B	1
2	0.203B	0.488B	15.9 B	1.73	0.548	0.476	0.037	0.108	0.005	1.36	0.696	0.360B	2
3	0.180B	0.432B	12.3 B	1.42	0.515	1.02	0.047	0.112	0.005	1.16	0.823	0.363B	3
4	0.179B	0.430B	10.0 B	1.22	0.499	0.369	0.057	0.072	0.005	1.07	0.944	0.357B	4
5	0.231B	0.438B	8.02B	1.16	0.791	0.375	0.045	0.088	0.013	1.13	0.995	0.362B	5
6	0.300B	0.449B	6.19B	1.05	1.52	0.334	0.049	0.123	0.007	0.976	0.931	0.396B	6
7	0.426B	0.374B	4.08B	0.966	1.73	0.300	0.033	0.166	0.005	0.806	0.906	0.342B	7
8	0.434B	0.337B	4.20B	0.911	1.64	0.285	0.053	0.195	0.005	0.791	0.678B	0.345B	8
9	0.476B	0.290B	4.17B	0.834	1.66	0.336	0.083	0.227	0.005	0.822	0.726B	0.338B	9
10	0.445B	0.238B	3.77B	0.824	2.38	0.525	0.268	0.218	0.013	0.858	0.489B	0.306B	10
11	0.478B	0.240B	3.55B	0.885	3.17	0.406	0.526	0.246	0.009	0.867	0.309B	0.313B	11
12	0.692B	0.189B	3.30B	0.823	4.30	0.336	0.308	0.258	0.010	0.818	0.288B	0.295B	12
13	1.00 B	0.176B	3.24	0.789	3.67	0.284	0.150	0.254	0.012	0.792	0.300B	0.298B	13
14	1.71 B	0.152B	3.10	0.819	2.90	0.283	0.083	0.232	0.145	0.740	0.288B	0.311B	14
15	1.04 B	0.143B	2.89	0.847	2.51	0.325	0.049	0.214	0.487	0.673	0.292B	0.336B	15
16	0.713B	0.141B	2.43	0.952	2.30	0.278	0.023	0.211	0.549	0.622	0.314B	0.319B	16
17	0.543B	0.125B	2.16	0.898	1.91	0.258	2.30	0.209	0.576	0.558	0.305B	0.307B	17
18	0.523B	0.113B	1.85	0.863	1.70	0.301	2.01	0.178	0.542	0.501	0.298B	0.313B	18
19	0.529B	0.165B	1.70	0.876	1.42	0.278	0.620	0.142	0.529	0.483	0.314B	0.322B	19
20	0.951B	0.189B	1.62	0.845	1.24	0.238	0.305	0.106	0.661	0.480	0.296B	0.317B	20
21	1.53 B	0.228B	1.52	0.841	1.06	0.217	0.188	0.056	0.745	0.472	0.314B	0.342B	21
22	1.11 B	0.195B	1.70	0.778	1.27	0.215	0.140	0.038	0.678	0.462	0.437B	0.336B	22
23	0.779B	0.180B	1.71	0.768	2.16	0.170	0.130	0.008	0.642	0.453	0.444B	0.325B	23
24	0.506B	0.596B	1.79	0.737	2.47	0.122	0.100	0.007	0.596	0.461	0.480B	0.323B	24
25	0.415B	11.6 B	2.00	0.756	2.85	0.091	0.067	0.007	0.746	0.472	0.758B	0.321B	25
26	0.447B	23.1 B	2.00	0.747	2.46	0.067	0.043	0.007	1.68	0.622	0.787B	0.320B	26
27	0.419B	26.3 B	2.35	0.701	1.89	0.048	0.025	0.007	1.87	0.603	0.644B	0.326B	27
28	0.468B	27.7 B	2.81	0.667	1.39	0.035	0.013	0.006	2.15	0.598	0.609B	0.326B	28
29	0.488B		2.15	0.628	1.05	0.039	0.046	0.006	2.25	0.583	0.575B	0.311B	29
30	0.420B		1.75	0.579	0.869	0.043	0.080	0.006	2.02	0.606	0.484B	0.331B	30
31	0.411B		1.91		0.715		0.058	0.006		0.668		0.342B	31
TOTAL	18.248	85.330	136.66	27.847	55.160	8.648	7.864	3.808	16.956	23.163	16.327	10.818	TOTAL
MEAN	0.589	3.40	4.41	0.928	1.78	0.288	0.257	0.116	0.566	0.747	0.544	0.333	MEAN
MAX	1.71	27.7	21.0	1.91	4.30	1.02	2.30	0.258	2.25	1.66	0.995	0.409	MAX
MIN	0.179	0.113	1.52	0.579	0.489	0.035	0.013	0.006	0.005	0.453	0.288	0.285	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.15
MAXIMUM DAILY, 27.7B ON FEB 28
MINIMUM DAILY, 0.005 ON SEP 2
MAXIMUM INSTANTANEOUS,
31.9B AT 01:45 CST ON FEB 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 50 39 N
LONG 108 28 45 W
DRAINAGE AREA, 1 430 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 580	JUL	688
FEB	8 240	AUG	312
MAR	11 800	SEP	1 470
APR	2 410	OCT	2 000
MAY	4 770	NOV	1 410
JUN	747	DEC	881

TOTAL DISCHARGE, 35 300 dam³

SWIFT CURRENT CREEK NEAR LEIMAN - STATION NO. 05HD039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.090B	0.607B	10.8 B	0.274B	0.445	0.186	0.144	0.255	0.149	0.676	0.434B	0.633B	1
2	0.085B	0.592B	7.28 B	0.297B	0.422	0.144	0.115	0.248	0.144	0.598	0.470	0.528B	2
3	0.090B	0.607B	5.24 B	0.347B	0.384	0.111	0.135	0.203	0.156	0.524	0.489	0.433B	3
4	0.074B	0.595B	3.77 B	0.460B	0.357	0.162	0.203	0.199	0.153	0.460	0.595	0.441B	4
5	0.083B	0.574B	2.45 B	0.517	0.706	0.266	0.271	0.196	0.154	0.490	0.598	0.430B	5
6	0.034B	0.526B	0.923B	0.516	0.750	0.248	0.273	0.308	0.153	0.546	0.587	0.373B	6
7	0.168B	0.484B	0.768B	0.527	1.49	0.201	0.284	0.293	0.139	0.549	0.581	0.266B	7
8	0.243B	0.426B	0.604B	0.547	1.74	0.200	0.282	0.248	0.123	0.580	0.462B	0.256B	8
9	0.381B	0.397B	0.406B	0.556	1.51	0.231	0.236	0.253	0.127	0.512	0.258B	0.287B	9
10	0.692B	0.398B	0.422B	0.549	1.34	0.250	0.206	0.397	0.136	0.483	0.208B	0.279B	10
11	0.810B	0.452B	0.509B	0.545	1.67	0.209	0.179	0.384	0.151	0.481	0.143B	0.248B	11
12	0.624B	0.545B	0.664B	0.535	1.22	0.185	0.122	0.316	0.251	0.525	0.101B	0.317B	12
13	0.554B	0.585B	0.729B	0.441B	0.871	0.194	0.158	0.333	0.248	0.530	0.114B	0.313B	13
14	0.435B	0.506B	0.742B	0.381B	0.690	0.233	0.437	0.392	0.280	0.554	0.127B	0.441B	14
15	0.398B	0.529B	0.644B	0.364B	0.600	0.241	0.482	0.399	0.257	0.562	0.141B	0.230B	15
16	0.397B	0.576B	0.526B	0.440	0.509	0.231	0.408	0.378	0.356	0.574	0.077B	0.106B	16
17	0.408B	0.584B	0.546B	0.507	0.459	0.248	0.409	0.348	0.370	0.557	0.076B	0.117B	17
18	0.427B	0.569B	0.538B	0.514	0.418	0.380	0.361	0.331	0.400	0.544	0.097B	0.236B	18
19	0.460B	0.545B	0.519B	0.510	0.440	0.343	0.480	0.301	0.420	0.548	0.085B	0.458B	19
20	0.464B	0.557B	0.590B	0.520	0.440	0.401	0.690	0.276	0.448	0.530	0.090B	0.279B	20
21	0.542B	0.580B	0.599B	0.501	0.432	0.433	0.630	0.280	0.467	0.515	0.080B	0.165B	21
22	0.662B	0.578B	0.670B	0.497	0.555	0.408	0.607	0.277	0.459	0.514	0.119B	0.193B	22
23	0.743B	0.642B	0.444B	0.505	0.573	0.371	0.591	0.265	0.591	0.497	0.146B	0.066B	23
24	0.718B	0.660B	0.389B	0.503	1.50	0.378	0.552	0.266	0.622	0.482	0.513B	0.086B	24
25	0.737B	0.644B	0.405B	0.519	1.30	0.330	0.481	0.252	0.590	0.487	0.652B	0.140B	25
26	0.806B	2.47 B	0.520B	0.533	0.802	0.308	0.449	0.247	0.582	0.502	1.13 B	0.204B	26
27	0.817B	25.4 B	0.537B	0.518	0.536	0.241	0.294	0.235	0.483	0.504	1.21 B	0.169B	27
28	0.688B	16.0 B	0.343B	0.515	0.414	0.192	0.170	0.218	0.664	0.491	1.01 B	0.367B	28
29	0.592B		0.243B	0.506	0.354	0.160	0.082	0.213	0.800	0.526	1.02 B	0.476B	29
30	0.575B		0.258B	0.479	0.303	0.122	0.055	0.189	0.649	0.487	0.859B	0.420B	30
31	0.607B		0.273B		0.227		0.184	0.158		0.410B		0.347B	31
TOTAL	14.404	57.628	43.551	14.475	23.460	7.607	9.970	8.658	10.502	16.280	12.473	8.305	TOTAL
MEAN	0.465	2.06	1.40	0.48'	0.757	0.254	0.322	0.279	0.350	0.525	0.416	0.300	MEAN
MAX	0.817	25.4	10.8	0.556	1.74	0.433	0.690	0.399	0.800	0.676	1.21	0.633	MAX
MIN	0.034	0.397	0.243	0.274	0.227	0.111	0.055	0.158	0.123	0.410	0.076	0.066	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.625
MAXIMUM DAILY, 25.4B ON FEB 27
MINIMUM DAILY, 0.034B ON JAN 6
MAXIMUM INSTANTANEOUS,
53.5B AT 15:04 CST ON FEB 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 29 38 N
LONG 107 39 31 W
DRAINAGE AREA, 3 730 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 240	JUL	851
FEB	4 980	AUG	748
MAR	3 760	SEP	907
APR	1 250	OCT	1 400
MAY	2 030	NOV	1 080
JUN	857	DEC	804

TOTAL DISCHARGE, 19 700 dam³

TATAGWA LAKE DRAIN NEAR WEYBURN - STATION NO. 05NB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.060B	0	0	0	0	0	0	0	0	---	1
2	---	---	0.041B	0	0	0	0	0	0	0	0	---	2
3	---	---	0.092B	0	0	0	0	0	0	0	0	---	3
4	---	---	0.057B	0	0	0	0	0	0	0	0	---	4
5	---	---	0.039B	0	0	0	0	0	0	0	---	---	5
6	---	---	0.017B	0	0	0	0	0	0	0	---	---	6
7	---	---	0.001B	0	0	0	0	0	0	0	---	---	7
8	---	---	0.001B	0	0	0	0	0	0	0	---	---	8
9	---	---	0.001B	0	0.001	0	0	0	0	0	---	---	9
10	---	---	0.001B	0	0.002	0	0	0	0	0	---	---	10
11	---	---	0.005B	0	0	0	0	0	0	0	---	---	11
12	---	---	0.012B	0	0	0	0	0	0	0	---	---	12
13	---	---	0.016B	0	0	0	0	0	0	0	---	---	13
14	---	---	0.022B	0	0	0	0	0	0	0	---	---	14
15	---	---	0.017B	0	0	0	0	0	0	0	---	---	15
16	---	---	0.016B	0	0	0	0	0	0	0	---	---	16
17	---	---	0.011B	0	0	0	0.176	0	0	0	---	---	17
18	---	---	0.014B	0	0	0	0.041	0	0	0	---	---	18
19	---	---	0.015B	0	0	0	0.001	0	0	0	---	---	19
20	---	---	0.014B	0	0	0	0	0	0	0	---	---	20
21	---	---	0.016B	0	0	0	0	0	0	0	---	---	21
22	---	---	0.014B	0	0	0	0	0	0	0	---	---	22
23	---	---	0.011B	0	0	0	0	0	0	0	---	---	23
24	---	---	0.012B	0	0	0	0	0	0	0	---	---	24
25	---	---	0.005B	0	0	0	0	0	0	0	---	---	25
26	---	---	0 B	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0.510	0	0.003	0	0.218	0	0	0	---	---	TOTAL
MEAN	---	---	0.016	0	0	0	0.007	0	0	0	---	---	MEAN
MAX	---	---	0.092	0	0.002	0	0.176	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.003
MAXIMUM DAILY, 0.176 ON JUL 17
MINIMUM DAILY, 0B ON MAR 26
MAXIMUM INSTANTANEOUS,
0.342 AT 04:50 CST ON JUL 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 58 N
LONG 103 56 50 W
DRAINAGE AREA, 240 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	18.8
FEB	---	AUG	0
MAR	44.1	SEP	0
APR	0	OCT	0
MAY	0.26	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 63.2 dam³

TAZIN LAKE NEAR OUTLET - STATION NO. 07OC002

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.813	3.733	3.645	3.541	3.446	3.783	4.188	4.462	4.558	4.544	4.500	4.435	1
2	3.810	3.732	3.639	3.536	3.442	3.788	4.180	4.466	4.561	4.544	4.501	4.431	2
3	3.805	3.728	3.630	3.535	3.444	3.808	4.180	4.469	4.555	4.542	4.503	4.426	3
4	3.801	3.722	3.630	3.533	3.447	3.820	4.184	4.471	4.556	4.541	4.503	4.423	4
5	3.800	3.717	3.618	3.535	3.445	3.833	4.206	4.465	4.553	4.545	4.502	4.421	5
6	3.797	3.712	3.616	3.526	3.453	3.847	4.220	4.474	4.561	4.541	4.495	4.417	6
7	3.797	3.708	3.614	3.519	3.457	3.869	4.233	4.488	4.563	4.534	4.486	4.418	7
8	3.795	3.705	3.613	3.519	3.455	3.882	4.245	4.488	4.561	4.536	4.483	4.415	8
9	3.794	3.700	3.613	3.510	3.462	3.885	4.253	4.495	4.557	4.534	4.475	4.410	9
10	3.792	3.700	3.609	3.500	3.466	3.899	4.269	4.492	4.555	4.536	4.478	4.406	10
11	3.790	3.695	3.603	3.494	3.481	3.907	4.279	4.495	4.551	4.543	4.464	4.396	11
12	3.790	3.693	3.602	3.488	3.497	3.909	4.288	4.500	4.551	4.541	4.471	4.396	12
13	3.787	3.691	3.600	3.486	3.510	3.917	4.300	4.501	4.554	4.539	4.472	4.393	13
14	3.784	3.691	3.596	3.484	3.523	3.929	4.311	4.500	4.556	4.539	4.466	4.390	14
15	3.780	3.684	3.591	3.482	3.536	3.940	4.319	4.489	4.556	4.543	4.470	4.389	15
16	3.773	3.681	3.587	3.482	3.549	3.952	4.327	4.507	4.557	4.544	4.464	4.381	16
17	3.768	3.675	3.580	3.477	3.567	3.963	4.334	4.503	4.555	4.541	4.462	4.380	17
18	3.763	3.669	3.574	3.473	3.584	3.971	4.345	4.504	4.557	4.539	4.460	4.377	18
19	3.761	3.669	3.571	3.470	3.600	3.988	4.356	4.516	4.559	4.536	4.457	4.371	19
20	3.760	3.667	3.571	3.468	3.615	4.013	4.354	4.521	4.561	4.537	4.457	4.372	20
21	3.759	3.665	3.570	3.468	3.630	4.031	4.382	4.527	4.563	4.539	4.452	4.371	21
22	3.755	3.659	3.571	3.470	3.644	4.043	4.373	4.525	4.561	4.539	4.451	4.371	22
23	3.753	3.658	3.570	3.461	3.656	4.059	4.389	4.526	4.565	4.540	4.452	4.374	23
24	3.749	3.651	3.567	3.462	3.666	4.072	4.399	4.531	4.553	4.537	4.451	4.380	24
25	3.748	3.651	3.565	3.458	3.685	4.083	4.407	4.540	4.560	4.533	4.449	4.384	25
26	3.751	3.650	3.561	3.457	3.701	4.096	4.419	4.545	4.557	4.531	4.446	4.387	26
27	3.747	3.652	3.557	3.461	3.718	4.112	4.427	4.549	4.559	4.529	4.446	4.383	27
28	3.744	3.653	3.555	3.458	3.728	4.127	4.435	4.530	4.561	4.522	4.448	4.377	28
29	3.737		3.554	3.448	3.737	4.142	4.436	4.532	4.557	4.517	4.449	4.383	29
30	3.732		3.553	3.446	3.749	4.158	4.442	4.541	4.553	4.508	4.446	4.375	30
31	3.733		3.545		3.767		4.451	4.548		4.500		4.374	31
MEAN	3.773	3.686	3.589	3.488	3.570	3.961	4.319	4.507	4.558	4.535	4.469	4.394	MEAN
MAX	3.813	3.733	3.645	3.541	3.767	4.158	4.451	4.549	4.565	4.545	4.503	4.435	MAX
MIN	3.732	3.650	3.545	3.446	3.442	3.783	4.188	4.462	4.551	4.500	4.446	4.371	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 4.073
MAXIMUM DAILY, 4.565 ON SEP 23
MINIMUM DAILY, 3.442 ON MAY 2
MAXIMUM INSTANTANEOUS,
4.570 AT 09:35 CST ON SEP 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 49 10 N
LONG 109 24 30 W

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2

THEODORE RESERVOIR NEAR THEODORE - STATION NO. 05MB009

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	497.768E	498.005	497.880	497.794	497.775	497.780	497.656	497.715	497.714	---	1
2	---	---	497.769E	498.033	497.874	497.799	497.768A	497.780	497.664	497.712	497.708A	---	2
3	---	---	497.769E	498.063	497.875	497.797	497.773	497.760	497.671	497.703	497.715E	---	3
4	---	---	497.770E	498.085	497.875	497.789	497.768A	497.760	497.665	497.708	497.719E	---	4
5	---	---	497.770E	498.093	497.877	497.801	497.785A	497.759	497.660	497.705	497.728A	---	5
6	---	---	497.770E	498.085	497.880	497.813	497.787A	497.753	497.657	497.708	---	---	6
7	---	---	497.771E	498.033	497.872	497.812	497.785A	497.753	497.658	497.710	---	---	7
8	---	---	497.771E	498.018	497.871	497.802	497.796A	497.751	497.653	497.707	---	---	8
9	---	---	497.772E	498.040	497.871	497.809	497.792A	497.751	497.650	497.701	---	---	9
10	---	---	497.773E	498.040	497.876	497.813	497.789A	497.749	497.652	497.712	---	---	10
11	---	---	497.774E	498.020	497.880	497.809	497.801A	497.745	497.653	497.708	---	---	11
12	---	---	497.775E	497.993	497.888	497.813	497.793A	497.744	497.657	497.705	---	---	12
13	---	---	497.776E	497.972	497.882	497.804	497.791A	497.739	497.652	497.709	---	---	13
14	---	---	497.777E	497.960	497.873	497.797	497.797A	497.735	497.654	497.706	---	---	14
15	---	---	497.778E	497.951	497.865	497.792	497.790A	497.732	497.648	497.711	---	---	15
16	---	---	497.779E	497.948	497.871	497.791	497.791E	497.725	497.646	497.710	---	---	16
17	---	---	497.780E	497.948	497.865	497.790	497.790E	497.717	497.652	497.710	---	---	17
18	---	---	497.781E	497.950	497.865	497.790	497.789A	497.716	497.652	497.713	---	---	18
19	---	---	497.782A	497.942	497.866	497.790	497.785A	497.720	497.651	497.715	---	---	19
20	---	---	497.783	497.931	497.866	497.788	497.782E	497.708	497.651	497.714	---	---	20
21	---	---	497.783	497.923	497.854	497.785	497.782A	497.701	497.651	497.716	---	---	21
22	---	---	497.825	497.921	497.847	497.776	497.776	497.701	497.669	497.717	---	---	22
23	---	---	497.867	497.915	497.850	497.772	497.760	497.694	497.671	497.715	---	---	23
24	---	---	497.889	497.912	497.847	497.767	497.773	497.686	497.674	497.718	---	---	24
25	---	---	497.918	497.906	497.838	497.774	497.772	497.690	497.678	497.716	---	---	25
26	---	---	497.911	497.902	497.834	497.784	497.771	497.685	497.695	497.718	---	---	26
27	---	497.768A	497.904	497.894	497.827	497.778	497.765	497.680	497.703	497.717	---	---	27
28	---	497.768E	497.914	497.892	497.825	497.773	497.771	497.678	497.707	497.718	---	---	28
29	---		497.976	497.887	497.821	497.782	497.768	497.680	497.712	497.710	---	---	29
30	---		498.007	497.883	497.816	497.786	497.763	497.676	497.711	497.707	---	---	30
31	---		498.038		497.809		497.764	497.674		497.718		---	31
MEAN	---	---	497.824	497.971	497.859	497.791	497.781	497.722	497.666	497.711	---	---	MEAN
MAX	---	---	498.038	498.085	497.888	497.813	497.801	497.760	497.712	497.718	---	---	MAX
MIN	---	---	497.768	497.883	497.809	497.782	497.763	497.674	497.646	497.701	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 498.085 ON APR 4
MINIMUM DAILY, 497.646 ON SEP 15
MAXIMUM INSTANTANEOUS,
498.102 AT 20:26 CST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 26 32 N
LONG 102 50 20 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

THUNDER CREEK NEAR DARMODY - STATION NO. 06JG012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.5178	0	0	0	0	0	0	0	---	---	1
2	---	0 B	0.4268	0	0	0	0	0	0	0	---	---	2
3	---	0 B	0.2958	0	0	0	0	0	0	0	---	---	3
4	---	0 B	0.1928	0	0	0	0	0	0	0	---	---	4
5	---	0 B	0.2488	0.002	0	0	0	0	0	0	---	---	5
6	---	0 B	0.1208	0.001	0.002	0	0	0	0	0	---	---	6
7	---	0 B	0.0548	0	0.001	0	0	0	0	0	---	---	7
8	---	0 B	0.0238	0	0	0	0	0	0	0	---	---	8
9	---	0 B	0.0208	0	0.001	0	0	0	0	0	---	---	9
10	---	0 B	0.0198	0	0.004	0	0	0	0	0	---	---	10
11	---	0 B	0.0208	0	0.008	0	0	0	0	0	---	---	11
12	---	0 B	0.0228	0	0.004	0	0	0	0	0	---	---	12
13	---	0 B	0.030	0	0.002	0	0	0	0	0	---	---	13
14	---	0 B	0.036	0	0.013	0	0	0	0	0	---	---	14
15	---	0 B	0.035	0	0.010	0	0	0	0	0	---	---	15
16	---	0 B	0.033	0	0.009	0	0	0	0	0	---	---	16
17	---	0 B	0.025	0	0.007	0	0	0	0	0	---	---	17
18	---	0 B	0.027	0	0.007	0	0	0	0	0	---	---	18
19	---	0 B	0.020	0	0.006	0	0	0	0	0	---	---	19
20	---	0 B	0.016	0	0.004	0	0	0	0	0	---	---	20
21	---	0 B	0.017	0	0.001	0	0	0	0.008	0	---	---	21
22	---	0 B	0.013	0	0.001	0	0	0	0.005	0	---	---	22
23	---	0 B	0.007	0	0.001	0	0	0	0.001	0	---	---	23
24	---	0 B	0.004	0	0	0	0	0	0	0	---	---	24
25	---	0 B	0.0028	0	0	0	0	0	0.002	0	---	---	25
26	---	0.5888	0.002	0	0	0	0	0	0.018	0	---	---	26
27	---	0.5958	0.002	0	0	0	0.005	0	0.005	0	---	---	27
28	---	0.5098	0.002	0	0	0	0.020	0	0.001	0	---	---	28
29	---		0.002	0	0	0	0.016	0	0	0	---	---	29
30	---		0.001	0	0	0	0.006	0	0	0	---	---	30
31	---		0.001		0		0.002	0		0		---	31
TOTAL	---	1.692	2.233	0.003	0.081	0	0.049	0	0.038	0	---	---	TOTAL
MEAN	---	0.060	0.072	0	0.003	0	0.002	0	0.001	0	---	---	MEAN
MAX	---	0.595	0.517	0.002	0.013	0	0.020	0	0.018	0	---	---	MAX
MIN	---	0	0.001	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.015
MAXIMUM DAILY, 0.595B ON FEB 27
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
2.00B AT 16 41 CST ON FEB 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 33 N
LONG 106 16 45 W
DRAINAGE AREA, 988 km²

B - ICE CONDITIONS

REGULATED SINCE 1962

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4.23
FEB	146	AUG	0
MAR	193	SEP	3.28
APR	0.26	OCT	0
MAY	7.00	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 354 dam³

REMARKS - SIGNIFICANT RUNOFF INCLUDING THE PEAK DISCHARGE OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

THYME HILL RIVER BELOW MACKENZIE LAKE - STATION NO. 06DB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.71	3.84	3.28	2.83	7.62	63.5	17.5	21.2E	10.9	8.63	7.88	5.41	1
2	4.80	3.91	3.27	2.86	8.02	61.6	16.9	20.6E	10.8	8.45	7.83	5.40	2
3	4.51	3.90	3.22	2.83	8.56	60.1	17.2	20.4	11.1	8.16	7.79	5.33	3
4	4.47	3.89	3.18	2.82	9.46	57.1	17.5	19.9	11.3	8.26	7.73	5.26	4
5	4.42	3.90	3.15	2.83	9.89	54.9	16.2	19.3	10.8	8.08	7.73	5.21	5
6	4.35	3.89	3.11	2.84	10.5	53.0	15.1	18.6	10.7	8.25	7.66	5.16	6
7	4.29	3.88	3.10	2.84	11.3	51.0	15.3	18.6	11.0	8.27	7.53	5.06	7
8	4.25	3.84	3.08	2.87	12.4	48.3	20.0	18.3	10.8	8.02	7.47	5.07	8
9	4.23	3.81	3.02	2.91	14.3	46.6	20.6	17.8E	10.8	7.81	7.37	5.02	9
10	4.22	3.79	2.97	2.91	17.0	43.7	20.7	17.0E	10.3	8.40	7.30	4.95	10
11	4.24	3.76	2.92	2.92	22.0	42.5	20.7	16.4	10.4	7.85	7.18	4.88	11
12	4.22	3.73	2.90	3.03	32.2	41.4	20.6	16.1	10.3	7.83	7.05	4.77	12
13	4.21	3.69	2.89	3.03	44.5	38.0	20.3	15.9	10.1	7.94	6.98	4.89	13
14	4.20	3.67	2.88	3.06	51.9	37.4	20.1	15.7	10.0	7.71	6.88	4.88	14
15	4.17	3.62	2.88	3.07	57.7	35.5	20.1	15.3	9.86	7.79	6.76	4.65	15
16	4.15	3.56	2.86	3.06	59.8	33.5	19.1	15.3	9.84	7.74	6.65	4.60	16
17	4.12	3.53	2.83	3.07	60.8	31.9	18.3	14.6	9.86	7.77	6.51	4.56	17
18	4.09	3.50	2.82	3.22	60.9	31.0	18.2	14.7	9.80	7.82	6.43	4.50	18
19	4.07	3.45	2.80	3.28	60.9	29.2	17.5E	14.6	9.54	7.73	6.32	4.46	19
20	4.05	3.37	2.76	3.25	62.3	26.9	17.2	14.5	9.49	7.69	6.20	4.40	20
21	4.06	3.34	2.76	3.27	64.6	26.7	17.3	13.9	9.36	7.70	6.11	4.37	21
22	4.05	3.31	2.82	3.36	68.3	25.6	17.0	13.8	9.25	7.59	6.02	4.31	22
23	4.01	3.26	2.82	3.45	71.9	23.9	17.7	13.8	9.33	7.64	5.95	4.30	23
24	3.99	3.26	2.80	3.58	74.5	22.9	18.0	13.8	9.26	7.70	5.92	4.34	24
25	4.00	3.27	2.80	3.76	75.3	22.4	16.6	13.1	9.08	7.74	5.88	4.27	25
26	3.97	3.29	2.77	4.18	75.3	21.1	19.6E	12.8	8.83	7.77	5.78	4.26	26
27	4.00	3.29	2.77	4.77	74.1	20.7	20.5	12.5	8.75	7.88	5.73	4.23	27
28	4.00	3.30	2.78	5.62	72.7	19.8	21.0	12.3	8.70	8.09	5.60	4.20	28
29	3.97		2.78	6.55	70.4	18.9	21.3	12.1	8.67	7.92	5.51	4.20	29
30	3.95		2.81	7.20	67.3	18.4	21.4	11.9	8.73	7.94	5.47	4.17	30
31	3.94		2.82		65.4		21.5	11.7		7.92		4.08	31
TOTAL	129.51	100.59	90.70	105.25	1 401.89	1 107.5	593.0	486.1	296.84	246.11	201.17	144.75	TOTAL
MEAN	4.18	3.61	2.93	3.51	45.2	35.9	19.1	15.7	9.80	7.94	6.71	4.67	MEAN
MAX	4.71	3.84	3.28	7.20	75.3	63.5	21.5	21.2	11.3	8.63	7.88	5.41	MAX
MIN	3.94	3.27	2.77	2.82	7.62	18.4	16.9	11.7	8.67	7.59	5.47	4.08	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.4
MAXIMUM DAILY, 75.3 ON MAY 25
MINIMUM DAILY, 2.77 ON MAR 26
MAXIMUM INSTANTANEOUS,
75.5 AT 16.00 CST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 46 10 N
LONG 102 43 50 W
DRAINAGE AREA, 1 300 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 200	JUL	51 200
FEB	8 730	AUG	42 000
MAR	7 840	SEP	25 700
APR	9 100	OCT	21 300
MAY	121 000	NOV	17 400
JUN	95 700	DEC	12 500

TOTAL DISCHARGE, 424 000 dam³

REMARKS - STAGE-DISCHARGE RELATION NOT DEFINED BY DISCHARGE MEASUREMENT ABOVE 52 m³/s

TOBIN LAKE AT SQUAW RAPIDS SPILLWAY - STATION NO. 05KE004

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	313.587	313.580	313.505	313.461	313.618	313.705	1
2	---	---	---	---	---	---	313.617	313.581	313.540	313.410	313.643	313.672	2
3	---	---	---	---	---	---	313.586	313.598	313.561	313.369	313.656	313.674	3
4	---	---	---	---	---	312.780A	313.495	313.609	313.535	313.382	313.638	313.640	4
5	---	---	---	---	---	312.750	313.446	313.601	313.536	313.376	313.644	313.588	5
6	---	---	---	---	---	312.787	313.480	313.627	313.565	313.454	313.630	313.557	6
7	---	---	---	---	---	312.833	313.503	313.651	313.581	313.439	313.602	313.564	7
8	---	---	---	---	---	312.878	313.473	313.631	313.581	313.451	313.607	313.558	8
9	---	---	---	---	---	312.884	313.469	313.621	313.611	313.457	313.606	313.476	9
10	---	---	---	---	---	312.831	313.485	313.646	313.572	313.483	313.606	313.427	10
11	---	---	---	---	---	312.808	313.516	313.726	313.551	313.500	313.578	313.443	11
12	---	---	---	---	---	312.820	313.534	313.672	313.526	313.599	313.526	313.401	12
13	---	---	---	---	---	312.890	313.589	313.622	313.521	313.624	313.486	313.422	13
14	---	---	---	---	---	312.955	313.649	313.620	313.492	313.617	313.426	313.384	14
15	---	---	---	---	---	313.025	313.659	313.640	313.433	313.595	313.391	313.362	15
16	---	---	---	---	---	313.073	313.639	313.646	313.431	313.596	313.370	313.311	16
17	---	---	---	---	---	313.036	313.626	313.659	313.462	313.576	313.329	313.277	17
18	---	---	---	---	---	313.010	313.636	313.661	313.515	313.561	313.309	313.230	18
19	---	---	---	---	---	313.023	313.691	313.648	313.568	313.553	313.301	313.221	19
20	---	---	---	---	---	312.997	313.158	313.606	313.523	313.568	313.270	313.230	20
21	---	---	---	---	---	313.026	312.700	313.620	313.537	313.611	313.272	313.265	21
22	---	---	---	---	---	313.164	312.276	313.595	313.538	313.601	313.290	313.317	22
23	---	---	---	---	---	313.165	311.879	313.615	313.520	313.614	313.319	313.395	23
24	---	---	---	---	---	313.194	312.072	313.637	313.591	313.598	313.386	313.491	24
25	---	---	---	---	---	313.176	312.656	313.634	313.500	313.584	313.416	313.526	25
26	---	---	---	---	---	313.180	312.930	313.586	313.557	313.618	313.474	313.563	26
27	---	---	---	---	---	313.185	313.011	313.602	313.539	313.611	313.540	313.602	27
28	---	---	---	---	---	313.271	313.147	313.565	313.529	313.595	313.606	313.658	28
29	---		---	---	---	313.416	313.285	313.445	313.491	313.580	313.655	313.658	29
30	---		---	---	---	313.524	313.455	313.460	313.474	313.578	313.670	313.713	30
31	---		---		---		313.527	313.483		313.555		313.737	31
MEAN	---	---	---	---	---	---	313.277	313.612	313.542	313.535	313.485	313.486	MEAN
MAX	---	---	---	---	---	---	313.658	313.726	313.638	313.624	313.670	313.737	MAX
MIN	---	---	---	---	---	---	311.879	313.445	313.431	313.382	313.270	313.221	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 41 10 N
LONG 103 20 50 W

A - MANUAL GAUGE

MAXIMUM DAILY, 313.737 ON DEC 31
MINIMUM DAILY, 311.879 ON JUL 23
MAXIMUM INSTANTANEOUS,
313.770 AT 05 59 CST ON DEC 31

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - WATER LEVELS COLLECTED AT THE PRESENT LOCATION ARE NOT THE SAME AS FOR THE SASKATCHEWAN POWER STATION

TORCH RIVER NEAR LOVE - STATION NO. 05KE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.56 B	2.01 B	1.63 B	2.050	10.5 B	43.1	5.82	11.6	2.34	5.16	1.609	1.825	1
2	1.60 B	2.01 B	1.26 B	2.200	7.448	61.0	5.45	11.6	2.25	5.35	2.309	1.888	2
3	1.81 B	1.97 B	1.26 B	2.270	8.108	60.4	5.29	11.2	2.15	5.16	3.078	1.908	3
4	1.82 B	1.75 B	1.41 B	2.160	14.2 B	35.3	5.13	11.6	2.07	5.23	3.048	1.870	4
5	1.81 B	1.53 B	1.07 B	2.800	14.1 B	28.5	5.13	11.1	2.08	5.00	2.438	1.850	5
6	1.66 B	1.63 B	1.36 B	3.378	13.0	26.4	5.03	11.2	2.03	4.97	2.068	1.919	6
7	1.66 B	1.53 B	1.07 B	3.028	12.6	19.4	4.93	10.8	2.07	5.08	1.868	1.678	7
8	1.89 B	1.45 B	1.05 B	1.808	11.9	12.2	4.88	10.2	2.04	5.07	2.198	1.788	8
9	1.45 B	1.11 B	1.53 B	1.878	11.5	10.8	4.95	9.72	1.96	5.20	3.038	1.738	9
10	1.62 B	1.07 B	1.79 B	4.198	12.3	10.1	4.55	9.22	1.80	5.12	3.018	1.848	10
11	1.53 B	1.55 B	1.79 B	6.498	16.6	9.40	4.27	8.87	1.83	4.96	3.168	1.826	11
12	1.16 B	0.9208	1.68 B	7.978	22.2	8.84	4.07	8.34	1.84	4.83	2.578	1.948	12
13	1.06 B	1.09 B	1.59 B	7.828	47.8	8.80	3.96	7.87	2.04	4.87	2.298	2.018	13
14	1.19 B	0.8288	1.50 B	7.618	62.7	9.50	4.14	8.86	2.40	4.48	2.168	2.038	14
15	0.7589	0.8088	1.36 B	8.048	80.6	9.07	4.99	8.52	2.84	4.42	1.868	1.988	15
16	1.16 B	0.7698	1.22 B	7.858	71.9	8.41	5.25	8.02	2.58	4.32	1.838	1.958	16
17	1.12 B	0.9878	1.15 B	8.948	85.5	7.85	5.50	7.79	2.76	4.24	2.038	1.958	17
18	1.85 B	1.27 B	1.03 B	11.0 B	92.0	7.41	5.77	8.25	2.97	4.17	1.918	1.928	18
19	1.74 B	1.32 B	1.55 B	10.8 B	88.1	7.86	6.62	8.03	3.31	4.10	2.068	1.848	19
20	1.32 B	1.23 B	1.10 B	11.8 B	85.3	8.53	7.45	8.70	3.31	4.00	2.288	1.858	20
21	1.07 B	1.05 B	0.8348	14.3 B	80.6	8.43	7.69	8.37	3.35	3.88	2.348	1.708	21
22	1.02 B	1.27 B	0.6318	14.2 B	76.2	8.01	7.37	8.07	3.34	3.81	2.168	1.858	22
23	1.20 B	1.48 B	1.35 B	14.1 B	71.3	7.61	6.88	7.81	3.46	3.75	2.188	1.828	23
24	1.18 B	1.60 B	1.07 B	14.0 B	66.3	7.45	6.31	7.61	3.57	3.68	1.818	1.748	24
25	1.57 B	1.58 B	1.04 B	15.2 B	62.0	7.31	6.08	7.38	3.46	3.66	2.068	1.718	25
26	1.42 B	1.78 B	1.31 B	14.3 B	58.1	7.51	5.72	7.15	3.53	3.73	2.178	1.698	26
27	1.45 B	1.58 B	1.37 B	13.4 B	56.0	7.20	5.51	6.97	3.77	3.60	1.978	1.688	27
28	1.45 B	1.58 B	1.44 B	21.9 B	52.0	7.04	5.62	6.81	4.39	3.46	1.938	1.688	28
29	0.8948		1.97 B	16.6 B	49.0	6.73	6.65	6.70	4.87	3.38	1.748	1.688	29
30	1.08 B		2.01 B	12.9 B	46.5	6.31	8.26	6.62	5.15	3.18	1.818	1.728	30
31	1.80 B		1.88 B		44.4		10.2	6.44		1.88		1.728	31
TOTAL	44.022	38.512	42.705	259.21	1 410.58	425.58	178.58	288.84	85.86	133.74	67.09	57.12	TOTAL
MEAN	1.42	1.38	1.38	8.97	45.5	14.2	5.79	9.77	2.87	4.31	2.24	1.84	MEAN
MAX	1.91	2.01	2.01	21.9	92.0	43.1	10.2	11.6	5.15	5.35	3.18	2.03	MAX
MIN	0.758	0.769	0.831	1.87	7.44	8.31	3.96	2.44	1.80	1.88	1.60	1.87	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.12
MAXIMUM DAILY, 92.0 ON MAY 18
MINIMUM DAILY, 0.7589 ON JAN 15
MAXIMUM INSTANTANEOUS,
92.3 AT 05 30 CST ON MAY 18

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 35 15 N
LONG 104 09 40 W
DRAINAGE AREA, 4 650 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 800	JUL	15 500
FEB	3 340	AUG	18 100
MAR	3 690	SEP	7 430
APR	23 300	OCT	11 600
MAY	122 000	NOV	5 800
JUN	36 800	DEC	4 940

TOTAL DISCHARGE, 256 000 dam³

TURTLE LAKE NEAR CLASLYN - STATION NO 05EG009

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	654.929	655.155	---	654.959	---	---	1
2	---	---	---	---	---	654.908	654.929	655.150	---	---	---	---	2
3	---	---	---	---	---	---	---	655.175	---	---	---	---	3
4	---	---	---	---	---	---	---	655.179	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	654.936	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	654.918	---	---	---	---	---	7
8	---	---	---	---	---	---	654.916	---	---	---	---	---	8
9	---	---	---	---	---	---	654.910	---	---	---	---	---	9
10	---	---	---	---	---	---	654.909	655.169	---	---	---	---	10
11	---	---	---	---	---	---	---	655.155	---	---	---	---	11
12	---	---	---	---	---	654.910	654.928	655.154	---	---	---	---	12
13	---	---	---	---	---	654.903	---	655.154	---	---	---	---	13
14	---	---	---	---	---	654.909	---	655.150	---	---	---	---	14
15	---	---	---	---	---	654.897	654.954	---	---	---	---	---	15
16	---	---	---	---	---	654.893	---	---	---	---	---	---	16
17	---	---	---	---	---	654.886	654.989	---	---	---	---	---	17
18	---	---	---	654.823	---	654.906	---	---	---	---	---	---	18
19	---	---	---	---	---	654.913	655.009	---	---	---	---	---	19
20	---	---	---	---	---	654.928	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	655.110	---	---	---	---	21
22	---	---	---	---	---	---	655.010	655.107	---	654.915	---	---	22
23	---	---	---	---	---	654.923	---	---	---	---	---	---	23
24	---	---	---	---	---	---	655.026	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	654.926	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	654.933	---	---	---	---	---	---	28
29	---		---	---	654.821	654.932	---	655.065	---	---	---	---	29
30	---		---	---	---	654.931	---	---	---	---	---	---	30
31	---		---		---		655.150	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 36 50 N
LONG 108 35 07 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TURTLELAKE RIVER NEAR TURTLEFORD - STATION NO 05EG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.8528	1.61 B	0.374	0.269	0.227	5.51	0.881	0.529	0.6548	---	1
2	---	---	0.8528	1.74 B	0.361	1.05	0.751	5.50	0.872	0.586	0.6278	---	2
3	---	---	0.8528	1.84 B	0.525	0.395	1.04	4.12	0.865	0.601	0.6578	---	3
4	---	---	0.8528	1.66 B	0.781	0.236A	0.573	3.43	1.00	0.632	---	---	4
5	---	---	0.8528	1.84 B	0.715	0.065E	0.594	3.16	0.867	0.612	---	---	5
6	---	---	0.8268	2.01 B	0.642	0.031E	0.874	3.15	0.846	0.541	---	---	6
7	---	---	0.8255	2.27 B	0.646	0.313A	0.873	2.87	0.829	0.459	---	---	7
8	---	---	0.7758	1.95 B	0.828	0.514	1.29	2.65	0.852	0.525	---	---	8
9	---	---	0.7228	1.55 B	0.529	0.126A	1.68	2.51	1.02	0.444	---	---	9
10	---	---	0.7368	1.24 B	0.736	0.205A	0.170	2.43	0.730	0.336	---	---	10
11	---	---	0.7168	1.42 B	0.698	0.251	0.258	2.31	0.780	0.417	---	---	11
12	---	---	0.7138	1.16 B	0.721	0.390	0.306	2.36	0.611	0.462	---	---	12
13	---	---	0.7648	1.17 B	0.892	0.504	0.656	2.97	0.816	0.433	---	---	13
14	---	---	0.7628	1.37 B	0.956	0.636	0.877	2.63	0.854	0.436	---	---	14
15	---	---	0.6778	1.33 B	0.974	0.614	0.755	2.16	0.778	0.476	---	---	15
16	---	---	0.6508	1.19 B	1.06	0.482	0.771	1.88	0.734	0.514	---	---	16
17	---	---	0.5508	1.11 B	0.859	0.665	1.18	1.68	0.721	0.492	---	---	17
18	---	---	0.4818	0.9208	0.677	1.00	1.81	1.55	0.657	0.735	---	---	18
19	---	---	0.5198	0.7758	0.514	2.35	1.36	1.46	0.644	0.722	---	---	19
20	---	---	0.5618	0.7608	0.508	1.64	1.04	1.56	0.639	0.695	---	---	20
21	---	---	0.5318	0.614	1.14	1.23	1.03	1.62	0.680	0.729	---	---	21
22	---	---	0.5058	0.578	1.67	1.03	0.931	1.26	0.729	0.702	---	---	22
23	---	---	0.4718	0.626	1.36	0.672	1.27	1.20	0.706	0.793	---	---	23
24	---	---	0.4518	0.544	1.60	0.430	1.65	1.13	0.758	0.830	---	---	24
25	---	---	0.3898	0.561	0.890	0.287	1.57	1.01	0.786	0.841	---	---	25
26	---	---	0.3008	0.480	0.526	0.387	1.30	1.06	0.758	0.701	---	---	26
27	---	---	0.2808	0.514	0.426	0.672	1.20	1.07	0.816	0.668	---	---	27
28	---	---	0.4428	0.380	0.305	0.041A	1.64	0.745	0.893	0.5808	---	---	28
29	---		0.6658	0.361	0.181	1.22	3.57	0.864	0.728	0.6208	---	---	29
30	---		1.44 B	0.369	0.245	0.504	12.3	0.876	0.550	0.7458	---	---	30
31	---		1.62 B		0.265		7.53	0.638		0.7078		---	31
TOTAL	---	---	21.687	33.875	22.385	16.421	52.188	67.926	23.655	18.582	---	---	TOTAL
MEAN	---	---	0.700	1.13	0.722	0.614	1.68	2.19	0.788	0.600	---	---	MEAN
MAX	---	---	1.62	2.27	1.60	2.35	12.3	5.51	1.02	0.841	---	---	MAX
MIN	---	---	0.280	0.361	0.181	0.031	0.170	0.745	0.550	0.938	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.06
MAXIMUM DAILY, 12.3 ON JUL 30
MINIMUM DAILY, 0.031E ON JUN 8
MAXIMUM INSTANTANEOUS,
16.2 AT 05 38 CST ON JUL 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 22 37 N
LONG 108 57 04 W
DRAINAGE AREA, 2 310 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	4 510
FEB	---	AUG	5 870
MAR	1 870	SEP	2 040
APR	2 940	OCT	1 610
MAY	1 930	NOV	---
JUN	1 980	DEC	---

TOTAL DISCHARGE, 22 400 dam³

REMARKS - STAGE-DISCHARGE RELATION NOT DEFINED BY DISCHARGE MEASUREMENT ABOVE 6 m³/s

UNNAMED CREEK NEAR CUTBANK - STATION NO. 05HF022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.0468	0.001	0	0	0	0	0	0	---	---	1
2	---	0 B	0.1348	0	0	0	0	0	0	0	---	---	2
3	---	0 B	0.3708	0	0	0	0	0	0	0	---	---	3
4	---	0 B	0.2668	0	0	0	0	0	0	0	---	---	4
5	---	0 B	0.1998	0	0	0	0	0	0	0	---	---	5
6	---	0 B	0.1648	0	0	0	0	0	0	0	---	---	6
7	---	0 B	0.0998	0	0	0	0	0	0	0	---	---	7
8	---	0 B	0.1028	0	0	0	0	0	0	0	---	---	8
9	---	0 B	0.0738	0	0	0	0	0	0	0	---	---	9
10	---	0 B	0.0728	0	0	0	0	0	0	0	---	---	10
11	---	0 B	0.0598	0	0	0	0	0	0	0	---	---	11
12	---	0 B	0.0548	0	0	0	0	0	0	0	---	---	12
13	---	0 B	0.0528	0	0	0	0	0	0	0	---	---	13
14	---	0 B	0.0448	0	0	0	0	0	0	0	---	---	14
15	---	0 B	0.0388	0	0	0	0	0	0	0	---	---	15
16	---	0 B	0.0268	0	0	0	0	0	0	0	---	---	16
17	---	0 B	0.0188	0	0	0	0	0	0	0	---	---	17
18	---	0 B	0.0208	0	0	0	0	0	0	0	---	---	18
19	---	0 B	0.0148	0	0	0	0	0	0	0	---	---	19
20	---	0 B	0.0108	0	0	0	0	0	0	0	---	---	20
21	---	0 B	0.0058	0	0	0	0	0	0	0	---	---	21
22	---	0 B	0.0028	0	0	0	0	0	0	0	---	---	22
23	---	0 B	0.0018	0	0	0	0	0	0	0	---	---	23
24	---	0 B	0.0018	0	0	0	0	0	0	0	---	---	24
25	---	0 B	0.0018	0	0	0	0	0	0	0	---	---	25
26	---	0 B	0.0018	0	0	0	0	0	0	0	---	---	26
27	---	0 B	0.0018	0	0	0	0	0	0	0	---	---	27
28	---	0.0083	0.0018	0	0	0	0	0	0	0	---	---	28
29	---		0.0018	0	0	0	0	0	0	0	---	---	29
30	---		0.001	0	0	0	0	0	0	0	---	---	30
31	---		0.001		0		0	0		0		---	31
TOTAL	---	0.008	1.894	0.001	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.061	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.008	0.370	0.001	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0.001	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.007
MAXIMUM DAILY, 0.3708 ON MAR 3
MINIMUM DAILY, 0S ON FEB 1
MAXIMUM INSTANTANEOUS,
0.6808 AT 15 50 CST ON MAR 3

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 21 28 N
LONG 106 52 15 W
DRAINAGE AREA, 169 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0.69	AUG	0
MAR	164	SEP	0
APR	0.09	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 165 dam³

VAL MARIE PUMP NO. 1 - STATION NO. 11AC068

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	0	---	1
2	---	---	0	0	0	0	0	0	0	0	0	---	2
3	---	---	0	0	0	0.182	0	0	0	0	0	---	3
4	---	---	0	0	0	0.364	0	0	0	0	0	---	4
5	---	---	0	0	0	0.358	0	0	0	0	0	---	5
6	---	---	0	0	0	0.246	0	0	0	0	---	---	6
7	---	---	0	0	0	0.241	0	0	0	0	---	---	7
8	---	---	0	0	0	0.325	0	0	0	0	---	---	8
9	---	---	0	0	0	0.306	0	0	0	0	---	---	9
10	---	---	0	0	0	0.255	0	0	0	0	---	---	10
11	---	---	0	0	0	0.207	0	0	0	0	---	---	11
12	---	---	0	0	0	0.108	0	0	0	0	---	---	12
13	---	---	0	0	0	0.268	0	0	0	0	---	---	13
14	---	---	0	0	0	0.273	0	0	0	0	---	---	14
15	---	---	0	0	0	0.116	0	0	0	0	---	---	15
16	---	---	0	0	0	0.157	0	0	0	0	---	---	16
17	---	---	0	0	0	0.163	0.156	0	0	0	---	---	17
18	---	---	0	0	0	0.147	0.204	0	0	0	---	---	18
19	---	---	0	0	0	0.147	0.094	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0.114	0	0	0	---	---	23
24	---	---	0	0	0	0	0.158	0	0	0	---	---	24
25	---	---	0	0	0	0	0.146	0	0	0	---	---	25
26	---	---	0	0	0	0	0.142	0	0	0	---	---	26
27	---	---	0	0	0	0	0.123	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	3.956	1.140	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0.132	0.037	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0.364	0.204	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.021
MAXIMUM DAILY, 0.364 ON JUN 4
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 44 N
LONG 107 50 51 W

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	98.5
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	342	DEC	---

TOTAL DISCHARGE, 441 dam³

VAN PATTENS CREEK NEAR KUROKI - STATION NO. 05MB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	2.17 B	0.003	B	0	0	0	0	---	---	1
2	---	---	0 B	2.34	0.028	B	0	0	0	0	---	---	2
3	---	---	0 B	2.13	0.225	B	0	0	0	0	---	---	3
4	---	---	0 B	1.80	0.048	0	0	0	0	0	---	---	4
5	---	---	0 B	1.01	0.031	0.050	0	0	0	0	---	---	5
6	---	---	0 B	0.685	0.026	0.092	0	0	0	0	---	---	6
7	---	---	0 B	0.659	0.011	0.027	0	0	0	0	---	---	7
8	---	---	0 B	1.17	0.006	0.005	0	0	0	0	---	---	8
9	---	---	0 B	0.697	0.012	0	0	0	0	0	---	---	9
10	---	---	0 B	0.282	0.031	0	0	0	0	0	---	---	10
11	---	---	0 B	0.2628	0.036	0	0	0	0	0	---	---	11
12	---	---	0 B	0.4778	0.046	B	0	0	0	0	---	---	12
13	---	---	0 B	0.2858	0.056	0	0	0	0	0	---	---	13
14	---	---	0 B	0.1158	0.057	B	0	0	0	0	---	---	14
15	---	---	0 B	0.103	0.058	0	0	0	0	0	---	---	15
16	---	---	0 B	0.084	0.057	B	0	0	0	0	---	---	16
17	---	---	0.0018	0.068	0.107	0	0	0	0	0	---	---	17
18	---	---	0.0038	0.092	0.240	B	0	0	0	0	---	---	18
19	---	---	0.0038	0.071	0.136	B	0	0	0	0	---	---	19
20	---	---	0.0038	0.082	0.071	B	0	0	0	0	---	---	20
21	---	---	0.0048	0.039	0.033	0	0	0	0	0	---	---	21
22	---	---	0.0048	0.033	0.008	B	0	0	0	0	---	---	22
23	---	---	0.0058	0.038	B	B	0	0	0	0	---	---	23
24	---	---	0.0058	0.041	0.012	0	0	0	0	0	---	---	24
25	---	---	0.0058	0.044	0	B	0	0	0	0	---	---	25
26	---	---	0.0058	0.047	0	0	0	0	0	0	---	---	26
27	---	---	0.0538	0.043	0.003	0	0	0	0	0	---	---	27
28	---	---	0.1558	0.040	0	0	0	0	0	0	---	---	28
29	---		0.1258	0.035	0	0	0	0	0	0	---	---	29
30	---		0.9448	0.024	0	0	0	0	0	0	---	---	30
31	---		2.39 B		0		0	0		0		---	31
TOTAL	---	---	3.705	14.958	1.341	0.174	B	0	0	B	---	---	TOTAL
MEAN	---	---	0.120	0.499	0.043	0.006	0	0	0	0	---	---	MEAN
MAX	---	---	2.39	2.34	0.240	0.092	0	0	0	0	---	---	MAX
MIN	---	---	0	0.024	0	B	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.082
MAXIMUM DAILY, 2.398 ON MAR 31
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
3.598 AT 10:15 CST ON MAR 31

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 52 03 N
LONG 103 35 11 W
DRAINAGE AREA, 113 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	320	SEP	0
APR	1 290	OCT	0
MAY	116	NOV	---
JUN	15.0	DEC	---

TOTAL DISCHARGE, 1 740 dam³

VICORA DITCH NEAR CONSUL - STATION NO. 11AB084

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	1.48	0	0	0	0	---	---	1
2	---	---	0	0	0	1.07	0	0	0	0	---	---	2
3	---	---	0	0	0	0.940	0	0	0	0	---	---	3
4	---	---	0	0	0	1.18	0	0	0	0	---	---	4
5	---	---	0	0	0	1.01	0	0	0	0	---	---	5
6	---	---	0	0	0	1.01	0	0	0	0	---	---	6
7	---	---	0	0	0	1.12	0	0	0	0	---	---	7
8	---	---	0	0	0	1.20	0	0	0	0	---	---	8
9	---	---	0	0	0	1.11	0	0	0	0	---	---	9
10	---	---	0	0	0	1.17	0	0	0	0	---	---	10
11	---	---	0	0	0	1.07	0	0	0	0	---	---	11
12	---	---	0	0	0	1.11	0	0	0	0	---	---	12
13	---	---	0	0	0.004	1.14	0	0	0	0	---	---	13
14	---	---	0	0	0.002	1.06	0	0	0	0	---	---	14
15	---	---	0	0	0.002	1.01	0	0	0	0	---	---	15
16	---	---	0	0	0.001	1.10	0	0	0	0	---	---	16
17	---	---	0	0	0	1.06	0	0	0	0	---	---	17
18	---	---	0	0	0	1.06	0	0	0	0	---	---	18
19	---	---	0	0	0.002	0.919	0	0	0	0	---	---	19
20	---	---	0	0	0.005	0.882	0	0	0	0	---	---	20
21	---	---	0	0	0.002	0.784	0	0	0	0	---	---	21
22	---	---	0	0	0.204	0.544	0	0	0	0	---	---	22
23	---	---	0	0	0.010	0.545	0	0	0	0	---	---	23
24	---	---	0	0	0.007	0.547	0	0	0	0	---	---	24
25	---	---	0	0	0.006	0.570	0	0	0	0	---	---	25
26	---	0	0	0	0.005	0.579	0	0	0	0	---	---	26
27	---	0	0	0	0.003	0.586	0	0	0	0	---	---	27
28	---	0	0	0	0.382	0.302	0	0	0	0	---	---	28
29	---		0	0	1.24	0.011	0	0	0	0	---	---	29
30	---		0	0	1.38	0.005	0	0	0	0	---	---	30
31	---		0		1.80		0	0		0		---	31
TOTAL	---	---	0	0	4.845	26.134	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.156	0.871	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	1.80	1.48	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0.005	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.126
MAXIMUM DAILY, 1.80 ON MAY 31
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 27 N
LONG 109 35 30 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	419	NOV	---
JUN	2 280	DEC	---

TOTAL DISCHARGE, 2 680 dam³

WAKAW LAKE NEAR WAKAW - STATION NO. 05KA012

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	509.518	509.501	---	509.413	509.349	509.340	---	---	1
2	---	---	---	---	---	509.488	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	509.481	---	509.421	---	---	---	---	4
5	---	---	---	---	---	---	---	509.414	---	509.340	---	---	5
6	---	---	---	---	509.516	509.487	---	---	---	---	---	---	6
7	---	---	---	---	509.512	---	---	---	---	---	---	---	7
8	---	---	---	---	---	509.473	509.385	---	509.323	509.338	---	---	8
9	---	---	---	---	---	---	509.381	---	509.323	---	---	---	9
10	---	---	---	---	---	---	509.385	509.420	509.323	---	---	---	10
11	---	---	---	---	---	---	---	509.420	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	509.541	---	509.403	---	509.327	509.336	---	---	13
14	---	---	---	---	---	---	509.401	---	---	---	---	---	14
15	---	---	---	---	---	509.440	509.401	---	---	---	---	---	15
16	---	---	---	---	---	---	---	509.401	509.327	---	---	---	16
17	---	---	---	---	509.539	---	509.442	509.393	---	509.332	---	---	17
18	---	---	---	---	---	509.448	---	509.393	---	---	---	---	18
19	---	---	---	---	---	---	509.436	509.381	509.331	509.332	---	---	19
20	---	---	---	---	509.535	509.443	---	---	---	---	---	---	20
21	---	---	---	---	509.531	---	509.426	---	---	---	---	---	21
22	---	---	---	---	---	---	509.424	---	---	---	---	---	22
23	---	---	---	---	509.524	509.438	---	509.371	509.345	---	---	---	23
24	---	---	---	---	---	---	509.414	---	---	---	---	---	24
25	---	---	---	---	---	509.427	---	---	---	---	---	---	25
26	---	---	---	---	---	---	509.422	---	---	---	---	---	26
27	---	---	---	---	---	---	509.421	509.351	509.342	---	---	---	27
28	---	---	---	---	509.516	509.420	---	509.351	---	509.322	---	---	28
29	---		---	---	---	---	509.419	---	---	---	---	---	29
30	---		---	---	509.510	509.418	---	---	509.341	---	---	---	30
31	---		---		---		509.413	509.350		509.330		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 38 41 N
LONG 105 37 34 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WALDSEA LAKE NEAR HUMBOLDT - STATION NO. 05KA010

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	532.578	---	---	532.428	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	532.619	---	---	532.552	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	532.478	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	532.559	---	---	532.388	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	532.528	---	---	---	---	12
13	---	---	---	---	532.608	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	532.508	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	532.378	---	---	---	15
16	---	---	---	---	---	532.629	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	532.496	---	---	---	---	18
19	---	---	---	---	532.629	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	532.478	---	---	---	---	20
21	---	---	---	---	---	---	532.548	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	532.370	---	---	---	22
23	---	---	---	---	---	532.499	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	532.448	---	---	---	---	25
26	---	---	---	---	532.629	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	532.548	---	---	---	---	---	28
29	---		---	---	---	---	---	---	532.400	532.352	---	---	29
30	---		---	---	---	532.499	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 16 48 N
LONG 105 11 33 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WASCANA CREEK BELOW KRONAU MARSH - STATION NO. 05JF012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.996	0.084	0.030	0	0	0	0	---	---	1
2	---	---	0 B	0.780	0.084	0.028	0	0	0	0	---	---	2
3	---	---	0 B	0.767	0.066	0.016	0	0	0	0	---	---	3
4	---	---	0 B	0.753	0.031	0.012	0	0	0	0	---	---	4
5	---	---	0 B	0.705	1.38	0.013	0	0	0	0	---	---	5
6	---	---	0 B	0.626	5.01	0.010	0	0	0	0	---	---	6
7	---	---	0 B	0.549	4.83	0.007	0	0	0	0	---	---	7
8	---	---	0.0638	0.523	4.67	0.005	0	0	0	0	---	---	8
9	---	---	0.5148	0.454	5.10	0.005	0	0	0	0	---	---	9
10	---	---	0.8328	0.342	6.36	0.006	0	0	0	0	---	---	10
11	---	---	1.09 B	0.269	6.36	0.005	0	0	0	0	---	---	11
12	---	---	1.25 B	0.262	5.83	0	0	0	0	0	---	---	12
13	---	---	1.36 B	0.199	5.22	0	0	0	0	0	---	---	13
14	---	---	1.69 B	0.174	3.85	0	0.004	0	0	0	---	---	14
15	---	---	2.16 B	0.1728	2.44	0	0.006	0	0	0.003	---	---	15
16	---	---	2.51 B	0.1718	1.26	0	0.005	0	0	0.005	---	---	16
17	---	---	2.46 B	0.1708	0.821	0	0.005	0	0	0.006	---	---	17
18	---	---	2.36 B	0.169	0.417	0	0.001	0	0	0.005	---	---	18
19	---	---	3.63 B	0.164	0.389	0	0	0	0	0.004	---	---	19
20	---	---	4.74 B	0.179	0.390	0	0	0	0	0.006	---	---	20
21	---	---	4.55 B	0.176	0.366	0	0	0	0	0.006	---	---	21
22	---	---	4.79 B	0.134	0.274	0	0	0	0	0.006	---	---	22
23	---	---	4.72 B	0.120	0.258	0	0	0	0	0.006	---	---	23
24	---	---	5.35	0.144	0.253	0	0	0	0	0.008	---	---	24
25	---	---	4.24	0.141	0.301	0	0	0	0	0.006	---	---	25
26	---	---	3.60	0.111	0.275	0	0	0	0	0.006	---	---	26
27	---	---	4.18	0.117	0.189	0	0	0	0	0.007	---	---	27
28	---	---	3.36	0.119	0.127	0	0	0	0	0.006	---	---	28
29	---		2.34	0.103	0.099	0	0	0	0	0.006A	---	---	29
30	---		1.73	0.073	0.068	0	0	0	0	0.006E	---	---	30
31	---		1.22		0.032		0			0.006E		---	31
TOTAL	---	---	65.159	8.672	56.644	0.137	0.021	0	0	0.098	---	---	TOTAL
MEAN	---	---	2.10	0.322	1.83	0.005	0.001	0	0	0.003	---	---	MEAN
MAX	---	---	5.35	0.996	6.36	0.030	0.006	0	0	0.008	---	---	MAX
MIN	---	---	0	0.073	0.031	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.538
MAXIMUM DAILY, 6.36 ON MAY 10
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
6.52 AT 16 05 CST ON MAY 10

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 07 N
LONG 104 26 03 W
DRAINAGE AREA, 2 980 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 81
FEB	---	AUG	0
MAR	5 630	SEP	0
APR	836	OCT	6 47
MAY	4 890	NOV	---
JUN	11 8	DEC	---

TOTAL DISCHARGE 11 400 dam³

WASCANA CREEK NEAR LUMSDEN - STATION NO. 05JF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.793B	0.957B	1.13B	3.37B	1.03	1.14	1.06	0.963	0.733	0.695	0.419B	0.289B	1
2	0.859B	0.858B	2.37B	2.84B	1.01	1.10	1.42	0.932	0.732	0.622	0.958B	0.299B	2
3	0.411B	0.670B	4.51B	2.96B	1.01	0.956	1.07	0.881	0.799	0.377	1.01	0.324B	3
4	0.408B	0.521B	4.11B	3.06B	1.05	0.916	0.899	0.839	0.778	0.252	0.890	0.339B	4
5	0.442B	0.698B	4.44B	2.78B	1.32	1.07	0.910	0.774	0.850	0.188	0.847	0.323B	5
6	0.511B	0.850B	4.75B	2.92B	10.5	0.787	0.893	0.798	0.761	0.406	0.831	0.526B	6
7	0.256B	0.867B	4.95B	2.89B	10.1	0.445	1.36	0.997	0.858	0.376	0.854B	0.581B	7
8	0.25.B	0.842B	4.06B	2.37B	10.1	0.647	0.995	0.827	0.877	0.371	0.421B	0.459B	8
9	0.408B	0.706B	2.91B	1.90B	10.4	0.824	0.854	0.794	0.866	0.273	0.315B	0.552B	9
10	0.703B	0.869B	1.68B	1.78B	15.9	0.849	0.873	1.02	0.898	0.206	0.437B	0.985B	10
11	0.736B	0.439B	1.43B	1.67B	15.2	1.03	0.869	0.679	0.962	0.153	0.639B	0.500B	11
12	0.306B	0.193B	1.27B	1.55B	13.2	0.835	0.786	0.647	0.965	0.119	0.605B	0.477B	12
13	0.271B	0.169B	1.17B	1.39B	11.9	0.757	3.84	0.615	1.06	0.108	0.517B	0.480B	13
14	0.643B	0.163B	1.23B	1.38B	11.1	0.771	4.87	0.792	1.04	0.100	0.555B	0.517B	14
15	0.639B	0.165B	1.75B	1.33B	10.2	0.833	1.59	0.784	1.02	0.086	0.706B	0.494B	15
16	0.577B	0.223B	2.56B	1.45E	8.93	0.854	1.14	0.967	1.07	0.074	0.584B	0.563B	16
17	0.686B	0.349B	2.31B	1.47E	7.26	0.877	1.10	0.858	1.39	0.067	0.649B	0.493B	17
18	1.11 B	0.362B	2.61B	1.56E	4.48	1.24	2.03	0.777	1.35	0.065	0.726B	0.497B	18
19	1.04 B	0.432B	2.93B	1.69A	3.97	1.99	2.49	0.742	1.10	0.052	0.576B	0.504B	19
20	0.847B	0.644B	5.23B	1.47A	3.39	1.07	1.23	0.708	1.05	0.045	0.495B	0.498B	20
21	0.768B	0.824B	5.67B	1.40A	2.89	0.976	0.962	0.719	1.73	0.045	0.502B	0.496B	21
22	0.775B	1.01 B	4.89B	1.43A	2.48	0.921	0.884	0.757	3.35	0.433	0.500B	0.508B	22
23	0.754B	1.07 B	5.10B	1.45A	2.94	0.878	0.944	0.751	1.80	0.730	0.508B	0.586B	23
24	0.683B	1.02 B	5.10B	1.34	3.01	0.857	0.823	0.722	1.14	0.724	0.540B	0.611B	24
25	0.252B	0.902B	5.53B	1.29	1.90	0.610	0.881	0.755	0.949	0.749	0.568B	0.804B	25
26	0.263B	1.06 B	6.53B	1.17	1.64	0.729	0.802	0.756	0.970	0.764	0.515B	0.707B	26
27	0.415B	1.26 B	7.22B	1.20	1.55	0.610	0.796	0.613	2.22	0.758	0.510B	0.641B	27
28	0.753B	1.13 B	4.73B	1.16	1.27	0.636	0.989	0.494	1.46	0.762	0.458B	0.605B	28
29	0.710B		4.12B	1.08	1.37	0.689	2.14	0.594	0.912	0.751	0.355B	0.638B	29
30	1.06 B		3.98B	1.11	1.29	0.919	1.37	0.761	0.735	0.747	0.329B	0.624B	30
31	1.04 B		3.35B		1.21		0.987	0.728		0.497B		0.546B	31
TOTAL	19.372	19.273	114.62	54.06	174.00	27.218	41.837	24.048	34.567	11.597	17.819	16.066	TOTAL
MEAN	0.625	0.888	3.70	1.80	5.61	0.907	1.35	0.776	1.15	0.374	0.594	0.518	MEAN
MAX	1.11	1.26	7.22	3.37	15.9	1.99	4.87	1.02	3.35	0.764	1.01	0.804	MAX
MIN	0.252	0.163	1.13	1.08	1.01	0.445	0.786	0.494	0.732	0.045	0.315	0.289	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.52
MAXIMUM DAILY, 15.9 ON MAY 10
MINIMUM DAILY, 0.045 ON OCT 20
MAXIMUM INSTANTANEOUS,
17.8 AT 16 04 CST ON MAY 10

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 10 N
LONG 104 54 35 W
DRAINAGE AREA, 4 620 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 670	JUL	3 610
FEB	1 670	AUG	2 080
MAR	8 900	SEP	2 890
APR	6 870	OCT	1 000
MAY	15 000	NOV	1 540
JUN	2 350	DEC	1 390

TOTAL DISCHARGE, 47 900 dam³

WASCANA CREEK NEAR SEDLEY - STATION NO. 05JF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.442	0.013	0.007	0	0	0	0	---	---	1
2	---	---	0 B	0.392	0.011	0.006	0	0	0	0	---	---	2
3	---	---	0 B	0.338	0.010	0.006	0	0	0	0	---	---	3
4	---	---	0 B	0.294	0.008	0.005	0	0	0	0	---	---	4
5	---	---	0 B	0.250	0.087	0.003	0	0	0	0	---	---	5
6	---	---	0 B	0.208	0.856	0.002	0	0	0	0	---	---	6
7	---	---	0 B	0.156	0.833	0.002	0	0	0	0	---	---	7
8	---	---	0 B	0.110	0.462	0.001	0	0	0	0	---	---	8
9	---	---	0 B	0.080	0.741	0.002	0	0	0	0	---	---	9
10	---	---	0.0178	0.059	1.08	0.003	0	0	0	0	---	---	10
11	---	---	0.0278	0.050	0.770	0.002	0	0	0	0	---	---	11
12	---	---	0.0188	0.041	0.619	0.001	0	0	0	0	---	---	12
13	---	---	0.0278	0.038	0.490	0.001	0.002	0	0	0	---	---	13
14	---	---	0.3968	0.039	0.484	0	0.002	0	0	0	---	---	14
15	---	---	0.6958	0.037	0.551	0	0.001	0	0	0	---	---	15
16	---	---	1.11 B	0.038	0.521	0	0	0	0	0	---	---	16
17	---	---	1.72 B	0.044	0.445	0	0	0	0	0	---	---	17
18	---	---	1.59 B	0.040	0.377	0	0	0	0	0	---	---	18
19	---	---	1.38	0.034	0.325	0	0	0	0	0	---	---	19
20	---	---	1.74	0.029	0.274	0	0	0	0	0	---	---	20
21	---	---	1.76	0.026	0.224	0	0	0	0	0	---	---	21
22	---	---	1.85	0.024	0.175	0	0	0	0	0	---	---	22
23	---	---	1.73	0.025	0.134	0	0	0	0	0	---	---	23
24	---	---	1.54	0.022	0.092	0	0	0	0	0	---	---	24
25	---	---	1.24	0.021	0.069	0	0	0	0	0	---	---	25
26	---	---	1.14	0.020	0.053	0	0	0	0	0	---	---	26
27	---	---	0.961	0.020	0.041	0	0	0	0	0	---	---	27
28	---	---	0.823	0.020	0.031	0	0	0	0	0	---	---	28
29	---		0.680	0.017	0.023	0	0	0	0	0	---	---	29
30	---		0.592	0.015	0.017	0	0	0	0	0	---	---	30
31	---		0.511		0.011		0	0		0		---	31
TOTAL	---	---	22.157	2.930	9.837	0.041	0.005	0	0	0	---	---	TOTAL
MEAN	---	---	0.715	0.098	0.317	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	1.89	0.442	1.08	0.007	0.002	0	0	0	---	---	MAX
MIN	---	---	0	0.015	0.008	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.143
MAXIMUM DAILY, 1.89 ON MAR 19
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.92 AT 12 08 CST ON MAR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 10 N
LONG 104 01 50 W
DRAINAGE AREA, 1 620 km²

B - ICE CONDITIONS

REGULATED SINCE 1950

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.43
FEB	---	AUG	0
MAR	1 910	SEP	0
APR	253	OCT	0
MAY	850	NOV	---
JUN	3.54	DEC	---

TOTAL DISCHARGE, 3 020 dam³

WASCANA LAKE AT THE MARINA - STATION NO. 05JF015

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	570.445	570.449	570.503	570.738	570.816	570.540E	570.472	570.526	570.287	570.400	570.389	570.396	1
2	570.449	570.448	570.553	570.714	570.818	570.540E	570.472	570.523	570.280	570.387	570.391	570.396	2
3	570.449	570.448	570.590	570.698	570.809	570.540E	570.462	570.520	570.272	570.401	570.395	570.394	3
4	570.447	570.447	570.621	570.693	570.801	570.540E	570.454	570.516	570.268	570.396	570.399	570.393	4
5	570.447	570.44	570.638	570.683	570.689	570.540E	570.463	570.524	570.267	570.389	570.401	570.391	5
6	570.448	570.448	570.642	570.673	570.857	570.540E	570.459	570.522	570.262	570.396	570.402	570.389	6
7	570.445	570.450	570.638	570.665	570.884	570.540E	570.464	570.514	570.258	570.394	570.402	570.391	7
8	570.446	570.448	570.633	570.665A	570.811	570.540E	570.458	570.484	570.259	570.393	570.399	570.387	8
9	570.447	570.447	570.632	570.665A	570.836	570.540E	570.453	570.467	570.258	570.396	570.398	570.386	9
10	570.447	570.445	570.636	570.658	570.750E	570.540E	570.448	570.468	570.250	570.381	570.397	570.389	10
11	570.445	570.447	570.639	570.648	570.680E	570.540E	570.470	570.463	570.251	570.389	570.396	570.389	11
12	570.447	570.449	570.638	570.651	570.630E	570.540A	570.545	570.442	570.243	570.381	570.395	570.389	12
13	570.447	570.447	570.636	570.649	570.590E	570.536	570.596	570.438	570.248	570.390	570.400	570.389	13
14	570.448	570.447A	570.647	570.645	570.560E	570.535	570.602	570.434	570.256	570.381	570.400	570.387	14
15	570.450	570.449	570.659	570.645	570.550E	570.537	570.596	570.423	570.267	570.388	570.400	570.386	15
16	570.450	570.454	570.684	570.645	570.540E	570.540	570.593	570.414	570.278	570.392	570.400	570.385	16
17	570.452	570.457	570.731	570.649	570.540E	570.548	570.604	570.410	570.275	570.395	570.401	570.386	17
18	570.452	570.456	570.785	570.647	570.540E	570.547	570.598	570.406	570.278	570.392	570.401	570.386	18
19	570.452	570.454A	570.810	570.637	570.540E	570.534	570.592	570.381	570.290	570.381	570.403	570.385	19
20	570.452	570.455A	570.822	570.640	570.540E	570.529	570.589	570.376	570.316	570.392	570.404	570.385	20
21	570.452	570.450	570.851	570.640	570.540E	570.518	570.582	570.372	570.364	570.388	570.404	570.384	21
22	570.450	570.448A	570.886	570.631	570.540E	570.510	570.578	570.359	570.360	570.380	570.404	570.383	22
23	570.452	570.449	570.895	570.624	570.540E	570.503	570.564	570.357	570.363	570.390	570.406	570.383	23
24	570.452	570.450	570.880A	570.632	570.540E	570.496	570.549	570.360	570.373	570.389	570.407	570.383	24
25	570.450	570.449	570.855E	570.633	570.540E	570.480	570.545	570.338	570.388	570.385	570.406	570.382	25
26	570.449	570.454	570.830E	570.620	570.540E	570.468	570.537	570.332	570.403	570.385	570.405	570.383	26
27	570.449	570.463	570.815A	570.617	570.540E	570.458	570.543	570.326	570.403	570.381	570.403	570.382	27
28	570.450	570.473	570.816	570.617	570.540E	570.460	570.548	570.316	570.403	570.378	570.401	570.380	28
29	570.449		570.802	570.615	570.540E	570.448	570.545	570.305	570.398	570.382	570.398	570.380	29
30	570.449		570.782	570.609	570.540E	570.470	570.531	570.297	570.400	570.388	570.397	570.379	30
31	570.448		570.746		570.540E		570.527	570.289		570.381		570.377	31
MEAN	570.449	570.451	570.719	570.652	570.610	570.520	570.530	570.416	570.307	570.390	570.400	570.386	MEAN
MAX	570.452	570.473	570.895	570.738	570.884	570.548	570.604	570.526	570.403	570.401	570.407	570.386	MAX
MIN	570.445	570.445	570.503	570.609	570.540	570.448	570.448	570.289	570.243	570.378	570.389	570.377	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 570.486
MAXIMUM DAILY, 570.895 ON MAR 23
MINIMUM DAILY, 570.243 ON SEP 12
MAXIMUM INSTANTANEOUS,
570.899 AT 18 01 CST ON MAR 23

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 25 50 N
LONG 104 38 17 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
3 370 km²

WATERBURY LAKE AT CREW CABIN - STATION NO. 07LB001

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	23.379	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	29.586	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 58 13 00 N
LONG 104 13 00 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

WATERFOUND RIVER BELOW THERIAU LAKE - STATION NO. 07LB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.6	21.8	20.6	19.5	21.8	31.8	35.8	37.6	33.8	28.4	25.8	23.5	1
2	22.5	21.8	20.5	19.3	22.0	32.0	37.1	37.5A	34.1	28.1	25.5	23.4	2
3	22.5	21.9	20.6	19.4	22.2	32.1	39.2	37.5	34.8	28.0	25.4	23.3	3
4	22.6	21.9	20.4	19.4	22.5	32.0	39.1	37.4	35.5	27.9	25.3	23.0	4
5	22.3	21.8	20.3	19.4	22.5	32.3	37.4	37.7	35.0	27.8	25.4	23.0	5
6	22.2	21.7	20.2	19.3	22.9	32.4	36.4	38.2	34.7	27.5	25.1	22.8	6
7	22.2	21.6	20.2	19.2	23.2	32.7	36.7	39.1A	34.4	27.2	24.8	22.4	7
8	22.2	21.6	20.0	19.2	23.6	32.8	36.6	38.5E	33.7	27.1	24.7	22.5	8
9	22.2	21.5	20.1	19.1	24.0	33.0	36.7	38.0E	33.5	27.4	24.6	22.5	9
10	22.3	21.4	20.0	18.9	24.8	33.1	36.5	37.6E	33.3	27.4	24.4	22.4	10
11	22.5	21.5	20.0	18.9	26.2	33.2	36.5	37.0E	33.2	27.5	24.2	22.4	11
12	22.3	21.4	20.0	19.0	26.9	33.1	36.8A	36.7E	32.8	27.3	24.2	22.4	12
13	22.1	21.2	20.0	19.0	26.9	33.2	36.8	36.3E	32.4	27.3	24.2	22.4	13
14	22.0	21.3	20.0	18.9	27.2	33.0	36.6	36.0E	31.9	27.0	24.1	22.5	14
15	21.9	21.1	20.0	19.0	27.5	33.2	36.5	35.8E	32.0	27.1	24.0	22.4	15
16	21.9	21.0	20.0	19.0	27.9	33.3	36.7	35.7E	31.8	27.0	23.8	22.4	16
17	21.8	20.8	19.9	19.1	28.1	33.3	36.1	35.3E	31.8A	27.0	23.6	22.5	17
18	21.7	20.8	19.7	19.5	27.9	33.7	36.2A	35.2E	32.1A	26.7	23.5	22.6	18
19	21.8	20.7	19.7	19.7	28.2	33.9	36.7	35.1E	32.6E	26.6	23.4	22.5	19
20	21.9	20.8	19.6	19.6	28.8	33.8	36.4	35.1A	32.8E	26.6	23.4	22.4	20
21	21.8	20.8	19.7	19.7	29.4	33.9	36.1	35.1	32.6A	26.5	23.5	22.2	21
22	21.7	20.7	19.8	19.9	29.8	33.8	35.4	35.2	32.5A	26.5	23.5	22.1	22
23	21.6	20.5	19.7	20.0	29.9	33.8	36.5	35.9	32.8A	26.6	23.5	22.2	23
24	21.7	20.5	19.7	20.1	30.0	33.4	36.8	36.7	32.6A	26.7	23.4	22.5	24
25	21.7	20.6	19.8	20.2	30.3	33.6A	37.3	35.6	31.6A	26.7	23.5	22.5	25
26	21.6	20.7	19.7	20.3	30.6	33.4	37.4	34.7	29.7A	26.3	23.4	22.4	26
27	21.8	20.7	19.7	20.7	30.8	34.0	37.7	34.5	29.1	26.5	23.4	22.4	27
28	21.9	20.7	19.7	20.9	31.0	34.0A	37.7	34.8	29.0	26.4	23.4	22.3	28
29	21.8		19.7	21.2	31.3	34.3A	37.5	35.6	29.1	26.1	23.4	22.3	29
30	21.8		19.6	21.7	31.2	35.1	37.0	36.0	28.6	26.1	23.4	22.3	30
31	21.7		19.6		31.5		37.6	34.1		25.9		22.3	31
TOTAL	682.7	592.8	618.5	589.1	840.9	997.1	1 140.6	1 124.4	973.6	837.1	723.6	688.8	TOTAL
MEAN	22.0	21.2	20.0	19.6	27.1	33.2	36.8	36.3	32.5	27.0	24.1	22.5	MEAN
MAX	22.6	21.8	20.6	21.7	31.5	35.1	39.2	39.1	35.5	28.4	25.5	23.5	MAX
MIN	21.6	20.5	19.6	19.3	21.8	31.8	35.1	34.1	28.6	25.9	23.4	22.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.8
MAXIMUM DAILY, 39.2 ON JUL 3
MINIMUM DAILY, 18.9 ON APR 10
MAXIMUM INSTANTANEOUS,
40.5 AT 21:26 CST ON JUL 3

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 23 10 N
LONG 104 36 30 W
DRAINAGE AREA, 3 160 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	59 000	JUL	98 500
FEB	51 200	AUG	97 100
MAR	53 400	SEP	84 100
APR	50 900	OCT	72 300
MAY	72 700	NOV	62 500
JUN	86 100	DEC	60 400

TOTAL DISCHARGE, 848 000 dam³

REMARKS - DATA BEFORE 1986 WAS PUBLISHED UNDER THE NAME "WATERFOUND RIVER BELOW UNKNOWN LAKE"

WATERHEN LAKE NEAR DORINTOSH - STATION NO. 05AF007

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	472.804	473.218	---	---	---	---	1
2	---	---	---	---	---	472.726	---	473.316	---	---	---	---	2
3	---	---	---	---	---	---	472.804	---	---	---	---	---	3
4	---	---	---	---	---	472.732	472.802	---	---	---	---	---	4
5	---	---	---	---	---	---	472.808	---	---	---	---	---	5
6	---	---	---	---	---	---	472.831	473.408	---	---	---	---	6
7	---	---	---	---	---	---	472.835	473.429	---	---	---	---	7
8	---	---	---	---	---	472.737	472.837	---	---	---	---	---	8
9	---	---	---	---	---	472.743	472.849	473.427	---	---	---	---	9
10	---	---	---	---	---	472.747	472.851	473.427	---	---	---	---	10
11	---	---	---	---	---	---	---	473.425	---	---	---	---	11
12	---	---	---	---	---	---	472.881	473.425	---	---	---	---	12
13	---	---	---	---	---	---	472.900	473.423	---	---	---	---	13
14	---	---	---	---	---	---	472.904	473.425	---	---	---	---	14
15	---	---	---	---	---	---	472.910	473.419	---	---	---	---	15
16	---	---	---	---	---	472.754	472.922	473.423	---	---	---	---	16
17	---	---	---	---	---	472.754	---	473.431	---	---	---	---	17
18	---	---	---	---	---	472.754	472.924	473.421	---	---	---	---	18
19	---	---	---	---	---	472.778	472.980	473.411	---	---	---	---	19
20	---	---	---	---	---	472.780	472.981	473.421	---	---	---	---	20
21	---	---	---	---	---	472.780	473.005	473.429	---	---	---	---	21
22	---	---	---	---	472.866	472.782	473.029	473.427	---	---	---	---	22
23	---	---	---	---	---	472.785	---	473.431	---	---	---	---	23
24	---	---	---	---	---	472.785	473.061	473.431	---	---	---	---	24
25	---	---	---	---	---	472.787	473.083	---	---	---	---	---	25
26	---	---	---	---	---	472.787	473.103	473.433	---	---	---	---	26
27	---	---	---	---	---	472.789	473.114	473.439	---	---	---	---	27
28	---	---	---	---	472.695	472.789	473.164	473.441	---	---	---	---	28
29	--		---	---	472.705	472.798	---	473.439	---	473.315	---	---	29
30	---		---	---	---	472.800	473.214	473.437	---	---	---	---	30
31	---		---		---		473.238	473.429		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 27 45 N
LONG 108 31 10 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WATERHEN RIVER NEAR GOODSOIL - STATION NO. 05AF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.598	6.078	5.378	5.87	7.14	10.8	13.8	25.6	26.8	23.5	19.6	16.9	1
2	5.948	6.038	5.398	5.82	6.94	11.4	13.8	26.2	27.2	23.3	19.6	17.0	2
3	6.158	6.078	5.238	5.75	7.23	11.3	14.7	26.6	27.4	23.2	19.5	16.7	3
4	6.288	6.038	5.218	5.68	7.33	11.0	15.1	27.0	26.9	23.2	19.9	16.5	4
5	6.408	6.058	5.278	5.92	7.30	11.0	14.7	27.4	26.8	22.9	19.6	16.5	5
6	6.368	6.068	5.188	6.03	7.37	11.2	14.7	27.7	26.7	23.2	19.3	16.4	6
7	6.368	6.008	5.098	5.96	7.30	11.1	14.6	27.8	26.5	23.0	19.2	16.08	7
8	6.368	5.998	5.328	5.82	7.33	11.0	14.6	27.9	26.0	22.9	19.4	16.28	8
9	6.398	5.918	5.398	5.98	7.27	11.2	14.6	28.1	26.0	23.0	19.4	16.1	9
10	6.248	5.858	5.418	5.98	7.68	11.1	14.6	28.0	26.0	22.9	18.9	16.0	10
11	5.698	5.898	5.28	6.30	7.54	11.4	14.9	28.0	25.8	22.4	18.9	15.7	11
12	6.138	5.978	5.348	6.28	7.58	11.6	15.2	28.4	25.8	22.3	19.1	15.5	12
13	6.138	5.958	5.348	6.31	7.08	11.4	15.4	28.6	25.7	22.3	18.8	15.7	13
14	6.108	6.008	5.338	6.31	7.64	11.4	15.7	28.5	25.4	22.0	18.3	15.5	14
15	6.028	5.928	5.348	6.24	8.58	11.1	16.8	28.8	25.0	22.0	18.2	15.4	15
16	6.058	5.928	5.358	6.22	8.73	11.2	15.9	28.2	24.9	21.8	17.9	15.3	16
17	5.948	5.948	5.338	6.43	8.53	11.2	17.2	27.8	25.1	21.8	17.7	15.2	17
18	5.818	5.928	5.248	6.71	8.75	11.2	18.7	27.8	24.9	21.7	17.6	15.3	18
19	5.908	5.928	5.178	6.68	8.86	12.6	19.4	28.4	24.7	21.5	17.7	15.1	19
20	6.148	5.958	5.268	6.55	8.74	12.8	19.8	28.0	24.6	21.4	17.8	15.1	20
21	5.978	5.898	5.318	6.80	8.90	12.9	20.3	28.1	24.5	21.4	17.8	15.1	21
22	5.968	5.828	5.368	6.76	9.65	12.6	20.7	27.8	24.3	21.2	17.5	15.0	22
23	5.818	5.788	5.238	6.94	10.2	12.5	21.4	27.8	23.7	21.0	17.3	14.9	23
24	6.078	5.728	5.228	6.90	10.2	13.0	21.4	27.9	22.5	21.0	17.4	15.1	24
25	6.028	5.608	5.658	6.75	10.3	13.1	21.5	27.5	22.8	21.0	17.3	15.0	25
26	5.858	5.578	5.68	6.78	10.5	13.5	21.7	27.5	22.9	21.0	17.3	15.0	26
27	5.978	5.478	5.83	6.64	10.7	13.6	21.6	27.5	23.7	20.9	17.2	15.0	27
28	6.178	5.418	5.86	6.76	10.8	13.5	22.4	27.5	23.7	20.8	17.0	15.0	28
29	6.158		5.96	6.82	11.0	13.5	22.7	27.5	23.6	20.2	16.9	14.9	29
30	6.058		5.83	7.01	10.8	13.7	24.5	27.7	23.5	20.2	16.8	15.1	30
31	6.028		6.10		11.2		24.9	27.3		20.4		15.0	31
TOTAL	188.08	164.70	167.91	191.14	269.17	358.7	559.4	858.9	753.4	679.0	548.7	483.2	TOTAL
MEAN	6.07	5.88	5.42	6.37	8.68	12.0	18.0	27.7	25.1	21.9	18.3	15.6	MEAN
MAX	6.40	6.07	6.10	7.01	11.2	13.7	24.9	28.8	27.4	23.5	19.9	17.0	MAX
MIN	5.58	5.41	5.09	5.89	6.94	10.8	13.8	25.6	22.5	20.2	18.8	14.9	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.3
MAXIMUM DAILY, 28.8 ON AUG 15
MINIMUM DAILY, 5.098 ON MAR 7
MAXIMUM INSTANTANEOUS,
29.6 AT 11:31 CST ON AUG 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 26 45 N
LONG 109 13 21 W
DRAINAGE AREA, 7 780 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	16 200	JUL	48 300
FEB	14 200	AUG	74 200
MAR	14 500	SEP	65 100
APR	16 500	OCT	58 700
MAY	23 300	NOV	47 400
JUN	31 000	DEC	41 700

TOTAL DISCHARGE, 451 000 dam³

WAITHAMAN RIVER BELOW WAITHAMAN LAKE - STATION NO. 08DC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.7	26.2	22.8	20.7	51.8	211	104	128	97.1	84.9	51.4	40.7	1
2	32.2	26.1	22.7	20.5	54.5	210	103	130	95.4	84.1	51.0	40.3	2
3	31.9	26.0	22.6	20.5	57.2	203	101	131	92.1	65.1	50.7	39.9	3
4	31.6	25.9	22.4	20.5	61.3	203	102	132	89.6	62.7	50.6	39.6	4
5	31.3	25.8	22.4	20.6	65.7	198	101	133	90.2	63.8	50.5	39.1	5
6	31.0	25.7	22.3	21.2	70.3	193	100	133	89.4	62.2	50.0	38.7	6
7	30.9	25.6	22.3	21.8	75.0	187	102	133	87.0	60.2	49.2	38.3	7
8	30.5	25.3	22.0	22.8	79.7	187	102	132	86.8	60.3	48.7	38.2	8
9	30.3	25.2	22.0	23.8	83.1	178	102	131	85.7	61.8	48.4	38.2	9
10	30.2	25.0	21.9	24.2	88.2	175	101	132	84.5	57.4	47.9	37.9	10
11	30.0	24.8	21.8	24.6	94.2	169	99.9	132	82.0	59.6	47.4	37.6	11
12	29.8	24.5	21.7	25.2	99.0	165	99.5	130	80.8	59.9	46.9	37.5	12
13	29.7	24.4	21.5	25.5	104	161	99.6	128	80.8	57.9	46.4	37.2	13
14	29.4	24.2	21.5	25.7	112	158	98.7	126	79.6	58.7	46.1	37.0	14
15	29.1	24.1	21.4	25.8	122	154	97.9	127	78.7	57.6	45.7	36.8	15
16	28.8	23.8	21.4	26.0	131	151	98.9	122	77.7	56.9	45.3	36.5	16
17	28.8	23.6	21.4	26.3	139	148	100	123	75.6	56.5	44.9	36.4	17
18	28.6	23.5	21.3	27.4	147	144	99.3	121	75.0	55.5	44.4	35.9	18
19	28.3	23.4	21.3	28.3	157	141	100	118	74.3	55.6	43.9	35.8	19
20	28.2	23.2	21.3	29.1	167	140	103	118	73.4	55.1	43.5	35.6	20
21	28.2	23.1	21.0	30.1	176	131	101	117	72.6	54.6	43.4	35.2	21
22	28.0	22.9	21.0	31.4	184	126	103	115	71.8	54.7	43.1	34.9	22
23	27.6	22.8	21.1	33.3	190	125	105	115	70.5	53.9	42.8	34.8A	23
24	27.5	22.7	21.1	35.7	196	122	108	110	69.7	53.8	42.8	34.3E	24
25	27.3	22.7	20.9	37.9	202	119	113	108	67.8	52.7	42.6	34.1E	25
26	27.2	22.8	20.7	40.6	206	115	116	107	66.5	52.9	42.1	33.9E	26
27	27.1	22.5	20.8	43.3	210	112	119	104	66.7	53.0	41.7	33.7E	27
28	26.9	22.5	20.7	45.0	211	111	120	103	67.3	51.8	41.4	33.5E	28
29	26.7		20.7	47.6	211	109	122	102	66.9	52.6	41.3	33.3E	29
30	26.6		20.7	49.3	211	106	123	99.6	65.7	52.4	41.1	33.1E	30
31	26.4		20.7		211		124	96.2		51.9		32.9E	31
TOTAL	902.8	678.9	667.4	874.7	4 167.0	4 852	3 266.8	3 736.8	2 361.2	1 780.1	1 375.2	1 130.9	TOTA
MEAN	29.1	24.2	21.5	29.2	134	155	105	121	78.7	57.4	45.8	36.5	MEAN
MAX	32.7	26.2	22.8	49.3	211	211	124	133	97.1	65.1	51.4	40.7	MAX
MIN	26.4	22.7	20.7	20.5	51.8	106	97.9	96.2	65.7	51.8	41.1	32.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 70.1
MAXIMUM DAILY, 211 ON MAY 28
MINIMUM DAILY, 20.5 ON APR 2
MAXIMUM INSTANTANEOUS,
213 AT 16 55 CST ON MAY 29

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 05 20 N
LONG 103 42 40 W
DRAINAGE AREA, 10 200 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	78 000	JUL	282 000
FEB	58 700	AUG	323 000
MAR	57 700	SEP	204 000
APR	75 600	OCT	154 000
MAY	360 000	NOV	119 000
JUN	402 000	DEC	97 700

TOTAL DISCHARGE, 2 210 000 dam³

WEYBURN INDEX RESERVOIR - STATION NO. 05NB024

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DA
1	---	---	29.300E	29.346	29.300	29.334	29.188	29.164	28.964	28.931	28.879	---	1
2	---	---	29.500E	29.343	29.292	29.327	29.182	29.158	28.958	28.937	28.876	---	2
3	---	---	29.550E	29.342	29.288	29.325	29.177	29.153	28.954	28.935	28.879	---	3
4	---	---	29.557A	29.339	29.287	29.319A	29.174	29.149	28.948	28.934	28.881	---	4
5	---	---	29.536A	29.337	29.322	29.309	29.203	29.157	28.940	28.932	28.881A	---	5
6	---	---	29.509A	29.336	29.384	29.304	29.199	29.154	28.933	28.930	---	---	6
7	---	---	29.490E	29.330	29.501	29.299	29.193	29.149	28.926	28.926	---	---	7
8	---	---	29.469E	29.325	29.464	29.290	29.188	29.142	28.922	28.927	---	---	8
9	---	---	29.449E	29.321	29.473	29.294	29.181	29.136	28.915	28.924	---	---	9
10	---	---	29.429A	29.318	29.542	29.291	29.180	29.129	28.917	28.922 -	---	---	10
11	---	---	29.417	29.326	29.489	29.285A	29.177	29.123	28.917	28.919	---	---	11
12	---	---	29.414	29.324	29.444	29.274	29.207	29.116	28.914	28.917	---	---	12
13	---	---	29.410A	29.328	29.421	29.265	29.208	29.110	28.911	28.915	---	---	13
14	---	---	29.406	29.329	29.408	29.256	29.204	29.102	28.910	28.913	---	---	14
15	---	---	29.398	29.328	29.400	29.265	29.197	29.094	28.908	28.910	---	---	15
16	---	---	29.390	29.328	29.395	29.270	29.193	29.086	28.907	28.908	---	---	16
17	---	---	29.383	29.337	29.391	29.265	29.215	29.078	28.907	28.907	---	---	17
18	---	---	29.382	29.340	29.388	29.261	29.213	29.070	28.907	28.906	---	---	18
19	---	---	29.382	29.339	29.386	29.260	29.205	29.062	28.915	28.904	---	---	19
20	---	---	29.382	29.336	29.380	29.259	29.200	29.050	28.924	28.901	---	---	20
21	---	---	29.385	29.331	29.371	29.253	29.193	29.041	28.925	28.900	---	---	21
22	---	---	29.398	29.331	29.368	29.246	29.187	29.031	28.925	28.898	---	---	22
23	---	---	29.392	29.330	29.391	29.238	29.183	29.024	28.923	28.898	---	---	23
24	---	---	29.382	29.326	29.393	29.230	29.175	29.016	28.919	28.893	---	---	24
25	---	---	29.380	29.322	29.389	29.222	29.172	29.009	28.934	28.891	---	---	25
26	---	28.528A	29.376	29.318	29.385A	29.214	29.173	29.004	28.938	28.889	---	---	26
27	---	28.700E	29.372	29.314	29.376A	29.206	29.176	28.999	28.935	28.887	---	---	27
28	---	29.000E	29.367	29.313	29.369	29.200	29.185	28.992	28.933	28.885	---	---	28
29	---		29.364	29.311	29.361A	29.190	29.191	28.987	28.936	28.881	---	---	29
30	---		29.358	29.306	29.354A	29.189	29.181	28.980	28.934	28.880	---	---	30
31	---		29.355		29.345		29.170	28.972		28.883		---	31
MEAN	---	---	29.416	29.328	29.389	29.265	29.190	29.079	28.927	28.909	---	---	MEA
MAX	---	---	29.557	29.346	29.542	29.334	29.215	29.164	28.964	28.937	---	---	MAX
MIN	---	---	29.300	29.306	29.287	29.189	29.170	28.972	28.907	28.880	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 29.557A ON MAR 4

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 42 N
LONG 103 40 28 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

WHEELER RIVER BELOW RUSSELL LAKE - STATION NO. 06DA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.28	16.38	16.38	15.88	19.6	27.3	19.3	24.2	17.6	17.3	16.5	15.5	1
2	16.18	16.58	16.18	15.68	20.0	28.4	19.1	24.3	17.7	17.0	16.7	15.6	2
3	16.18	16.68	16.38	15.7	20.2	28.1	19.6	24.2	18.4	17.0	16.7	15.5	3
4	16.08	16.58	16.38	15.5	20.8	26.8	20.5	23.9	18.0	17.1	16.9	15.4	4
5	16.08	16.28	16.28	15.5	21.3	26.7	20.7	23.6	18.0	17.1	17.1	15.4	5
6	16.18	15.98	16.28	15.5	21.7	27.0	21.7	23.7	18.5	17.3	16.9	15.3	6
7	16.08	15.98	16.28	15.9	22.0	26.5	22.9	23.9	18.6	17.0	16.7	15.3	7
8	16.18	16.08	16.38	16.0	22.2	26.4	23.4	23.0	17.7	16.5	16.6	15.0	8
9	16.08	16.18	16.28	16.1	22.5	26.7	23.6	22.2	17.6	16.8	16.5	15.0	9
10	16.08	16.18	16.38	15.8	23.2	25.3	23.8	22.3	17.4	17.3	16.5	15.0	10
11	15.98	16.18	16.48	14.2	24.3	25.4	23.5	22.8	17.3	16.5	16.3	15.0	11
12	16.08	16.18	16.48	16.1	24.6	24.8	23.2	23.0	17.2	17.0	16.3	15.08	12
13	16.18	16.18	16.48	16.0	25.2	24.9	23.9	22.4	17.6	16.5	16.2	15.08	13
14	16.38	16.38	16.48	16.1	25.2	24.8	23.9	22.0	17.7	16.4	16.0	15.08	14
15	16.38	16.38	16.68	16.0	25.2	23.8	23.0	22.4	17.6	16.9	15.9	15.08	15
16	16.38	16.28	16.48	16.0	25.3	23.1	21.9	21.9	17.6	16.5	15.8	15.08	16
17	16.28	16.18	16.18	16.0	27.0	23.3	22.3	21.0	17.5	16.4	15.6	15.08	17
18	16.18	16.38	16.28	16.5	27.4	23.1A	23.3	21.1	17.5	16.4	15.8	15.08	18
19	16.18	16.68	16.38	16.7	27.9	22.2A	24.1	21.1	17.8	16.5	15.6	15.18	19
20	16.28	16.68	16.28	16.6	27.9	24.5	25.0	21.1	17.6	16.6	15.5	14.98	20
21	16.48	16.78	16.08	16.9	28.1	24.4	25.5	20.9	17.3	16.5	15.6	14.88	21
22	16.18	17.08	16.18	17.2	28.2	22.0	25.0	20.8	17.3	16.4	15.6	14.88	22
23	15.88	16.68	16.28	17.4	28.5	21.2	25.9	20.5	17.4	16.5	15.6	14.78	23
24	15.68	16.78	16.28	17.6	28.5	21.5	25.7	20.4	16.5	16.5	15.5	14.78	24
25	16.08	16.38	16.38	17.7	28.6	21.5	26.1	19.8	15.4	16.1	15.7	14.78	25
26	16.08	16.48	16.38	17.9	28.8	21.3	26.0	18.9	14.1	16.4	15.6	14.98	26
27	15.98	16.38	16.28	18.1	28.9	21.0	25.6	18.5	14.8	17.0	15.5	15.28	27
28	16.18	16.48	16.18	18.2	28.6	20.4	25.0	18.5	16.3	17.1	15.5	15.28	28
29	16.18		16.18	18.5	27.6	20.2	24.5	18.5	17.1	17.2	15.4	15.18	29
30	16.18		15.98	19.0	26.7	20.1	24.4	19.1	17.5	17.5	15.5	15.08	30
31	16.18		15.78		26.9		24.3	18.9		16.9		15.08	31
TOTAL	498.3	457.2	502.9	496.1	784.1	721.7	726.7	669.2	518.6	520.5	481.8	467.0	TOTAL
MEAN	16.1	16.3	16.2	16.5	25.3	24.1	23.4	21.6	17.3	16.8	16.1	15.1	MEAN
MAX	16.4	17.0	16.6	19.0	28.9	28.4	26.1	24.3	18.6	17.5	17.1	15.5	MAX
MIN	15.6	15.9	15.7	14.2	19.6	20.1	19.1	18.5	14.1	16.1	15.4	14.7	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.8
MAXIMUM DAILY, 28.9 ON MAY 27
MINIMUM DAILY, 14.1 ON SEP 26
MAXIMUM INSTANTANEOUS,
28.2 AT 22:47 CST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 28 40 N
LONG 104 59 50 W
DRAINAGE AREA, 3 030 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	43 100	JUL	62 600
FEB	39 500	AUG	57 800
MAR	43 500	SEP	44 800
APR	42 900	OCT	45 000
MAY	67 700	NOV	41 600
JUN	62 400	DEC	40 300

TOTAL DISCHARGE 581 000 dam³

WHITE BEAR (CARLYLE) LAKE NEAR CARLYLE - STATION NO. 05ND008

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	730.937	---	---	---	---	---	---	730.773	---	3
4	---	---	730.914	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	730.928	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	730.815	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	730.786	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	730.952	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	730.914E	---	---	---	---	---	---	---	---	---	---	28
29	---		---	730.947	---	---	---	---	---	---	---	---	29
30	---		---	730.947E	731.007	730.943	---	---	730.808E	---	---	---	30
31	---		730.934E		731.007E		730.930E	730.828E		730.778E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 45 35 N
LONG 102 16 46 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WHITE FOX RIVER NEAR GARRICK - STATION NO. 05KE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0038	0.0928	1.15	1.11	0.065	0.001	0	0.010	---	---	1
2	---	---	0.0038	0.3008	1.02	0.988	0.060	0.001	0	0.008	---	---	2
3	---	---	0.0038	0.7008	0.908	0.930	0.058	0.002	0	0.008	---	---	3
4	---	---	0.0038	1.80 B	0.781	0.856	0.050	0.005	0	0.008	---	---	4
5	---	---	0.0038	4.50 B	0.754	0.860	0.049	0.001	0	0.005	---	---	5
6	---	---	0.0038	8.00 B	0.732	0.841	0.051	0.001	0	0.005	---	---	6
7	---	---	0.0038	19.7 B	0.643	0.746	0.041	0.001	0	0.005	---	---	7
8	---	---	0.0038	20.3 B	0.581	0.662	0.737	0.016	0	0.005	---	---	8
9	---	---	0.0038	19.8 B	0.554	0.573	0.039	0.043	0	0.003	---	---	9
10	---	---	0.0038	14.3 B	0.511	0.503	0.027	0.051	0	0.004	---	---	10
11	---	---	0.0038	11.0 B	1.15	0.475	0.023	0.053	0	0.001	---	---	11
12	---	---	0.0038	8.89 B	3.33	0.460	0.014	0.054	0	0	---	---	12
13	---	---	0.0038	8.72 B	5.82	0.438	0.006	0.061	0	0	---	---	13
14	---	---	0.0038	9.22 B	6.13	0.426	0.001	0.049	0.002	0	---	---	14
15	---	---	0.0038	8.82 B	7.26	0.442	0.001	0.033	0.001	0	---	---	15
16	---	---	0.0038	8.42 B	8.28	0.422	0.001	0.025	0.006	0	---	---	16
17	---	---	0.0038	7.24	8.32	0.361	0.009	0.013	0.010	0	---	---	17
18	---	---	0.0038	6.65	7.76	0.318	0.019	0.007	0.007	0	---	---	18
19	---	---	0.0038	5.79	7.17	0.279	0.014	0.033	0.004	0	---	---	19
20	---	---	0.0038	4.49 A	6.43	0.231	0.011	0.041	0.001	0	---	---	20
21	---	---	0.0038	3.50 E	5.70	0.214	0.009	0.026	0.007	0	---	---	21
22	---	---	0.0038	3.00 A	4.92	0.232	0.007	0.015	0.032	0	---	---	22
23	---	---	0.0038	2.96 E	4.15	0.226	0.008	0.006	0.029	0	---	---	23
24	---	---	0.0038	2.82 A	3.40	0.195	0.007	0	0.021	0	---	---	24
25	---	---	0.0038	2.60	2.98	0.173	0.004	0	0.015	0	---	---	25
26	---	---	0.0038	2.17	2.55	0.145	0.002	0	0.023	0	---	---	26
27	---	---	0.0048	1.80	2.16	0.124	0.001	0	0.020	0	---	---	27
28	---	---	0.0108	1.65	1.85	0.104	0.001	0	0.017	0	---	---	28
29	---		0.0208	1.46	1.71	0.084	0.002	0	0.013	0	---	---	29
30	---		0.0308	1.29	1.41	0.075	0.006	0	0.010	0 A	---	---	30
31	---		0.0508		1.22		0.002	0		0 E		---	31
TOTAL	---	---	0.192	192.082	101.214	13.497	0.615	0.536	0.218	0.083	---	---	TOTAL
MEAN	---	---	0.006	6.40	3.26	0.450	0.020	0.017	0.007	0.002	---	---	MEAN
MAX	---	---	0.050	20.3	8.32	1.11	0.085	0.061	0.032	0.010	---	---	MAX
MIN	---	---	0.003	0.092	0.554	0.075	0.001	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.26
MAXIMUM DAILY, 20.38 ON APR 5
MINIMUM DAILY, 0 ON AUG 24
MAXIMUM INSTANTANEOUS,
22.18 AT 05:54 CST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 25 20 N
LONG 104 20 30 W
DRAINAGE AREA, 1 870 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	53 1
FEB	---	AUG	46 5
MAR	15 6	SEP	18 8
APR	16 600	OCT	5 44
MAY	8 740	NOV	---
JUN	1 170	DEC	---

TOTAL DISCHARGE, 26 700 dam³

WHITESAND RIVER NEAR CANORA - STATION NO. 05MB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0858	22.0 B	7.02	2.92	0.938	1.01	0.019	0.004	0.007B	---	1
2	---	---	0.0868	37.7 B	6.70	2.83	0.956	0.878	0.018	0.003	0.007B	---	2
3	---	---	0.0948	46.3 B	6.42	2.60	0.855	0.776	0.016	0.003	0.007B	---	3
4	---	---	0.0978	43.9 B	6.16	2.36	0.751	0.664	0.015	0.003	---	---	4
5	---	---	0.0888	43.7 B	6.00	2.45	1.15	0.789	0.014	0.003	---	---	5
6	---	---	0.0918	40.8	6.42	2.89	1.31	0.858	0.013	0.003	---	---	6
7	---	---	0.0898	38.3	6.98	2.96	1.19	0.814	0.012	0.003	---	---	7
8	---	---	0.0998	34.7	8.91	3.11	1.84	0.676	0.011	0.004	---	---	8
9	---	---	0.1028	31.9	8.85	3.12	2.15	0.751	0.010	0.004	---	---	9
10	---	---	0.0978	29.1	8.62	3.03	2.24	0.556	0.009	0.005	---	---	10
11	---	---	0.0938	25.8	7.01	2.72	2.25	0.549	0.008	0.005	---	---	11
12	---	---	0.0998	22.8	7.17	2.58	2.09	0.539	0.008	0.008	---	---	12
13	---	---	0.0978	20.8	6.95	2.50	2.14	0.518	0.007	0.007	---	---	13
14	---	---	0.1048	18.8	6.81	2.33	2.18	0.399	0.007	0.007	---	---	14
15	---	---	0.1218	17.5	7.14	2.19	2.04	0.375	0.007	0.007	---	---	15
16	---	---	0.1438	16.5	6.82	2.07	1.88	0.462	0.007	0.007	---	---	16
17	---	---	0.1438	15.7	6.80	1.91	1.88	0.255	0.006	0.007	---	---	17
18	---	---	0.1418	14.5	6.60	1.91	1.61	0.183	0.006	0.007	---	---	18
19	---	---	0.1498	13.4	6.24	1.66	1.49	0.107	0.006	0.007	---	---	19
20	---	---	0.1558	12.5	5.92	1.55	1.47	0.049	0.006	0.007	---	---	20
21	---	---	0.1788	12.1	5.01	1.50	1.35	0.015	0.006	0.007	---	---	21
22	---	---	0.2638	11.5	5.63	1.38	1.23	0.012	0.005	0.007	---	---	22
23	---	---	0.8698	10.8	5.07	1.32	1.10	0.042	0.005	0.007	---	---	23
24	---	---	2.36 B	10.1	4.61	1.20	0.961	0.044	0.005	0.007	---	---	24
25	---	---	2.68 B	9.58	4.45	1.13	0.969	0.042	0.005	0.007B	---	---	25
26	---	0.0638	2.72 B	9.01	4.34	1.26	0.882	0.034	0.005	0.007B	---	---	26
27	---	0.0848	3.27 B	8.41	4.10	1.11	0.854	0.031	0.004	0.007B	---	---	27
28	---	0.0858	4.75 B	7.76	3.82	1.27	0.881	0.028	0.004	0.007B	---	---	28
29	---		7.50 B	7.47	3.55	1.05	0.749	0.024	0.004	0.007B	---	---	29
30	---		9.80 B	7.58	3.32	0.952	0.773	0.022	0.004	0.007B	---	---	30
31	---		16.8 B		3.14		0.797	0.021		0.007B		---	31
TOTAL	---	---	53.333	641.17	181.18	61.892	42.866	11.134	0.252	0.180	---	---	TOTAL
MEAN	---	---	1.72	21.4	5.84	2.06	1.38	0.359	0.008	0.006	---	---	MEAN
MAX	---	---	16.8	46.3	7.17	3.12	2.25	1.01	0.019	0.007	---	---	MAX
MIN	---	---	0.085	7.47	3.14	0.952	0.749	0.012	0.004	0.003	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.85
MAXIMUM DAILY, 46.38 ON APR 3
MINIMUM DAILY, 0.003 ON OCT 2
MAXIMUM INSTANTANEOUS,
47.88 AT 18:00 CST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 11 N
LONG 102 22 11 W
DRAINAGE AREA, 8 740 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 700
FEB	---	AUG	952
MAR	4 810	SEP	21.8
APR	55 400	OCT	15.6
MAY	15 700	NOV	---
JUN	5 350	DEC	---

TOTAL DISCHARGE, 85 800 dam³

WHITESAND RIVER NEAR SPRINGSIDE - STATION NO. 05MB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.075B	8.17B	2.03	0.812	0.059	0.047	0	0.007	0.011B	---	1
2	---	---	0.078B	7.98	2.00	0.453	0.085	0.039	0	0.004	0.010B	---	2
3	---	---	0.075B	10.1	1.88	0.521	0.084	0.035	0	0.004	0.010B	---	3
4	---	---	0.081B	11.1	1.93	0.467	0.073	0.021A	0	0.008	0.010B	---	4
5	---	---	0.075B	11.8	2.07	0.482	0.167	0.020A	0	0.008	0.015B	---	5
6	---	---	0.077B	12.1	2.27	0.791	0.342	0.018	0	0.008	---	---	6
7	---	---	0.078B	11.4	2.03	0.723	0.277	0.025	0	0.008	---	---	7
8	---	---	0.080B	9.89	1.90	0.581	0.251	0.029	0	0.006	---	---	8
9	---	---	0.084B	7.67	2.06	0.507	0.353	0.043	0	0.006	---	---	9
10	---	---	0.079B	7.43	2.12	0.653	0.356	0.039	0	0.006	---	---	10
11	---	---	0.076B	7.09	2.22	0.548	0.480	0.018	0	0.004	---	---	11
12	---	---	0.072B	8.23A	2.32	0.511	0.429	0.012A	0	0.005	---	---	12
13	---	---	0.073B	5.60E	2.26	0.400	0.360	0.008	0	0.008	---	---	13
14	---	---	0.080B	4.80E	2.06	0.289	0.351	0.009	0	0.009	---	---	14
15	---	---	0.091B	4.20E	2.00	0.220	0.324	0.007	0	0.007	---	---	15
16	---	---	0.122B	3.97E	2.20	0.202	0.260	0.005	0	0.005	---	---	16
17	---	---	0.124B	3.93A	1.96	0.171	0.214	0.003	0	0.004	---	---	17
18	---	---	0.141B	3.87	1.91	0.132	0.204	0.002	0	0.005	---	---	18
19	---	---	0.139B	3.76	2.06	0.131	0.216	0	0	0.007	---	---	19
20	---	---	0.142B	3.45	1.88	0.146	0.214	0	0	0.007	---	---	20
21	---	---	0.180B	3.17	1.66	0.172	0.139	0	0	0.006	---	---	21
22	---	---	1.01 B	3.03	1.41	0.148	0.117	0	0	0.006	---	---	22
23	---	---	2.45 B	2.99	1.40	0.128	0.103	0	0	0.005	---	---	23
24	---	---	1.98 B	2.91	1.37	0.089	0.121	0	0	0.005	---	---	24
25	---	---	1.51 B	2.67	1.24	0.063	0.100	0	0	0.004	---	---	25
26	---	---	1.81 B	2.54	1.11	0.053	0.094	0	0	0.009	---	---	26
27	---	0.078B	1.86 B	2.48	0.963	0.117	0.072	0	0.003	0.006	---	---	27
28	---	0.079B	4.67 B	2.34	0.868	0.123	0.063	0	0.018	0.007	---	---	28
29	---		5.06 B	2.22	0.830	0.091	0.061	0	0.023	0.006	---	---	29
30	---		7.10 B	2.08	0.808	0.083	0.061	0	0.009	0.0058	---	---	30
31	---		7.58 B		0.592		0.060	0		0.013B		---	31
TOTAL	---	---	38.051	170.76	53.522	9.589	6.090	0.380	0.053	0.196	---	---	TOTAL
MEAN	---	---	1.23	5.69	1.73	0.320	0.196	0.012	0.002	0.006	---	---	MEAN
MAX	---	---	7.58	12.1	2.32	0.791	0.480	0.047	0.023	0.013	---	---	MAX
MIN	---	---	0.072	2.08	0.592	0.053	0.059	0	0	0.004	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.14
MAXIMUM DAILY, 12.1 ON APR 6
MINIMUM DAILY, 0 ON AUG 19
MAXIMUM INSTANTANEOUS,
12.2 AT 05:20 CST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 23 50 N
LONG 102 44 12 W
DRAINAGE AREA, 2 650 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	526
FEB	---	AUG	32.8
MAR	3 290	SEP	4.58
APR	14 800	OCT	17.1
MAY	4 620	NOV	---
JUN	828	DEC	---

TOTAL DISCHARGE 24 100 dam³

WILCOX MAIN DITCH NEAR WILCOX - STATION NO. 05JE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.045E	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.053E	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.056E	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.046E	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.038E	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.034E	0.118	0	0	0	0	0	---	---	6
7	---	---	0 B	0.028E	0.613	0	0	0	0	0	---	---	7
8	---	---	0 B	0.024E	1.08	0	0	0	0	0	---	---	8
9	---	---	0 B	0.021E	1.32	0	0	0	0	0	---	---	9
10	---	---	0 B	0.016E	2.21	0	0	0	0	0	---	---	10
11	---	---	0 B	0.010E	1.93	0	0	0	0	0	---	---	11
12	---	---	0 B	0.006E	1.28	0	0	0	0	0	---	---	12
13	---	---	0.004B	0.002E	0.957	0	0	0	0	0	---	---	13
14	---	---	0.050B	0.003E	0.673	0	0	0	0	0	---	---	14
15	---	---	0.200B	0.004E	0.382	0	0	0	0	0	---	---	15
16	---	---	0.180B	0.006E	0.258	0	0	0	0	0	---	---	16
17	---	---	0.180B	0.008E	0.194	0	0	0	0	0	---	---	17
18	---	---	0.170B	0.006E	0.129	0	0	0	0	0	---	---	18
19	---	---	0.151B	0.003E	0.085	0	0	0	0	0	---	---	19
20	---	---	0.090B	0.002E	0.048	0	0	0	0	0	---	---	20
21	---	---	0.045B	0.001E	0.019	0	0	0	0	0	---	---	21
22	---	---	0.034B	0 E	0.002	0	0	0	0	0	---	---	22
23	---	---	0.035B	0 E	0.005	0	0	0	0	0	---	---	23
24	---	---	0.041B	0	0	0	0	0	0	0	---	---	24
25	---	---	0.010B	0	0	0	0	0	0	0	---	---	25
26	---	---	0.005A	0	0	0	0	0	0	0	---	---	26
27	---	---	0.003E	0	0	0	0	0	0	0	---	---	27
28	---	---	0.007E	0	0	0	0	0	0	0	---	---	28
29	---		0.017E	0	0	0	0	0	0	0	---	---	29
30	---		0.026E	0	0	0	0	0	0	0	---	---	30
31	---		0.034E		0		0	0		0		---	31
TOTAL	---	---	1.304	0.423	11.493	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.042	0.014	0.371	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.200	0.063	2.21	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.054
MAXIMUM DAILY, 2.21 ON MAY 10
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.36 AT 21:57 CST ON MAY 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 03 41 N
LONG 104 45 53 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	113	SEP	0
APR	38.5	OCT	0
MAY	993	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 140 dam³

WILLIAM RIVER ABOVE CARSWELL RIVER - STATION NO. 07MA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.6B	11.6 B	12.3B	18.5B	51.2	30.6	22.9	35.2	26.6	23.5	19.5B	14.9B	1
2	11.4B	10.9 B	13.9B	19.9B	51.7	30.3	22.1	34.7	26.5	22.9	21.7B	14.9B	2
3	10.5B	11.6 B	14.4B	19.8B	52.6	29.7	21.9	34.1	26.4	22.7	23.8B	14.4B	3
4	10.2B	12.4 B	15.5B	19.6B	48.6	29.4	24.0	33.2	26.3	22.7	22.1B	13.8B	4
5	10.5B	13.6 B	16.0B	19.2B	47.6	27.9	26.6	32.4	25.7	22.8	23.3B	13.4B	5
6	10.8B	15.1 B	17.0E	20.1B	47.2	27.3	28.0	31.8	25.8	22.9	24.2B	12.9B	6
7	11.1B	15.2 B	17.0B	20.8B	47.1	26.8	30.0	31.2	25.6	23.0	23.4B	12.2B	7
8	11.3B	16.1 B	16.5B	21.7B	46.2	26.2	31.4	32.1	25.5	22.8	22.1B	12.1B	8
9	11.0B	15.0 B	15.5B	24.6B	46.2	25.7	31.6	31.7	25.3	22.6	20.0B	11.6B	9
10	10.8B	14.2 B	14.6B	24.8B	45.7	25.3	31.8	31.0	25.0	22.8	20.1B	11.5B	10
11	11.3B	13.2 B	14.0B	24.0B	46.1	24.5	32.0	30.5	24.8	24.3	19.2B	11.7B	11
12	11.5B	12.9 B	13.8B	22.7B	46.4	24.3	31.8	29.8	24.2	24.4	19.7B	11.4B	12
13	11.5B	12.4 B	13.8B	22.2B	46.4	23.4	32.6	29.5	24.0	24.6	21.2B	10.9B	13
14	11.9B	13.1 B	13.9B	22.5B	45.7	23.2	34.3	29.2	24.0	24.6	22.1B	10.7B	14
15	12.4B	12.9 B	14.3B	23.2B	44.7	22.8	34.1	28.6	24.1	24.5	22.6B	11.0B	15
16	12.6B	12.7 B	14.9B	23.3B	43.8	22.4	33.3	28.2	24.0	24.6	19.8B	11.0B	16
17	12.9B	12.6 B	16.1B	24.0B	43.0	21.9	32.0	27.9	24.0	24.4	18.8B	10.7B	17
18	13.3B	11.7 B	16.6B	25.8B	42.7	21.8	31.8	27.7	23.8	24.3	19.0B	10.6B	18
19	13.3B	11.1 B	17.0B	26.9B	42.4	21.9	32.9	28.1	23.7	24.3	19.3B	10.6B	19
20	13.1B	10.7 B	17.1B	27.5B	41.8	22.0	33.6	28.6	23.7	24.4	19.2B	10.7B	20
21	13.1B	10.3 B	16.8B	28.1B	40.9	23.2	33.6	29.4	23.6	24.4	17.3B	10.5B	21
22	13.0B	10.1 B	16.0B	30.0B	40.1	26.2	34.9	30.0	23.0	24.4	16.9B	10.2B	22
23	12.8B	10.2 B	15.5B	31.9B	39.6	28.6	36.1	30.0	23.1	24.4	16.4B	10.4B	23
24	12.6B	9.92B	15.4B	32.8B	38.9	25.2	37.3	29.4	23.1	24.2	16.4B	10.5B	24
25	11.0B	9.81B	15.8B	32.1B	38.4	25.8	37.6	29.5	22.9	24.2	15.6B	10.3B	25
26	11.4B	9.63B	15.8B	33.4B	37.5	25.4	38.3	29.0	22.2	24.2	15.1B	10.3B	26
27	12.1B	9.64B	15.4B	43.9B	36.5	24.9	38.8	28.5	22.3	24.3	15.7B	10.4B	27
28	11.3B	10.7 B	15.5B	48.5B	35.3	24.5	38.6	27.8	22.3	24.5	15.4B	10.4B	28
29	11.4B		15.7B	49.3B	33.9	24.0	38.8	27.4	23.2	23.8	15.0B	10.6B	29
30	11.4B		16.7B	46.4B	32.2	23.5	37.1	27.0	23.4	23.1B	14.9B	11.0B	30
31	11.5B		18.0B		31.1		35.9	26.7		20.5B		10.9B	31
TOTAL	364.8	336.80	481.4	829.5	1 331.7	756.0	1 006.1	930.2	727.7	736.1	579.9	356.5	TOTAL
MEAN	11.8	12.1	15.5	27.7	43.0	25.2	32.5	30.0	24.3	23.7	19.3	11.5	MEAN
MAX	13.3	15.2	18.0	49.3	52.6	30.6	38.8	35.2	26.6	24.6	24.2	14.9	MAX
MIN	10.2	9.63	12.3	18.5	31.1	21.8	21.9	26.7	22.2	20.5	14.9	10.2	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.1
MAXIMUM DAILY, 52.6 ON MAY 3
MINIMUM DAILY, 9.63B ON FEB 26
MAXIMUM INSTANTANEOUS,
58.8 AT 23:15 CST ON MAY 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 48 50 N
LONG 109 00 10 W
DRAINAGE AREA, 4 030 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 500	JUL	86 800
FEB	29 300	AUG	80 400
MAR	41 600	SEP	62 800
APR	71 700	OCT	63 600
MAY	115 000	NOV	50 100
JUN	65 300	DEC	30 800

TOTAL DISCHARGE, 729 000 dam³

WILLOW BROOK AT WILLOWBROOK - STATION NO. 05MB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.525B	0.002A	0.006	0	0	0	0	---	---	1
2	---	---	0 B	0.839	0.002	0.006	0	0	0	0	---	---	2
3	---	---	0 B	0.635B	0.002	0.004	0	0	0	0	---	---	3
4	---	---	0 B	0.733	0.002	0.004	0	0	0	0	---	---	4
5	---	---	0 B	0.951	0.007	0.006	0.001	0	0	0	---	---	5
6	---	---	0 B	0.957	0.095	0.007	0.001	0	0	0	---	---	6
7	---	---	0 B	0.769	0.085	0.008	0	0	0	0	---	---	7
8	---	---	0 B	0.667	0.008	0.004	0	0	0	0	---	---	8
9	---	---	0 B	0.600	0.004	0.004	0	0	0	0	---	---	9
10	---	---	0 B	0.552	0.008	0.003	0.001	0	0	0	---	---	10
11	---	---	0 B	0.481	0.046	0.002	0.001	0	0	0	---	---	11
12	---	---	0 B	0.403	0.209	0.001	0	0	0	0	---	---	12
13	---	---	0 B	0.235	0.354	0.001	0	0	0	0	---	---	13
14	---	---	0 B	0.172B	0.307	0.001	0	0	0	0	---	---	14
15	---	---	0 B	0.140B	0.189	0.001	0	0	0	0	---	---	15
16	---	---	0 B	0.361	0.148	0.001	0	0	0	0	---	---	16
17	---	---	0 B	0.316	0.248	0.001	0	0	0	0	---	---	17
18	---	---	0 B	0.245	0.428	0.001	0	0	0	0	---	---	18
19	---	---	0 B	0.226	0.452	0.001	0	0	0	0	---	---	19
20	---	---	0 B	0.252	0.427	0	0	0	0	0	---	---	20
21	---	---	0 B	0.201	0.340	0	0	0	0	0	---	---	21
22	---	---	0 B	0.160A	0.381	0	0	0	0	0	---	---	22
23	---	---	0.005B	0.150E	0.266	0	0	0	0	0	---	---	23
24	---	---	0.017B	0.080E	0.130	0	0	0	0	0	---	---	24
25	---	---	0.090B	0.030E	0.063	0	0	0	0	0	---	---	25
26	---	---	0.480B	0.015E	0.024	0	0	0	0	0	---	---	26
27	---	---	0.572B	0.005E	0.012	0	0	0	0	0	---	---	27
28	---	---	0.642B	0.002E	0.011	0	0	0	0	0	---	---	28
29	---	---	0.641B	0.002E	0.008	0	0	0	0	0B	---	---	29
30	---	---	0.728B	0.002E	0.007	0	0	0	0	0B	---	---	30
31	---	---	0.833B		0.006		0			0B		---	31
TOTAL	---	---	4.108	11.107	4.273	0.063	0.004	0	0	0	---	---	TOTAL
MEAN	---	---	0.133	0.370	0.138	0.002	0	0	0	0	---	---	MEAN
MAX	---	---	0.833	0.957	0.452	0.008	0.001	0	0	0	---	---	MAX
MIN	---	---	0	0.002	0.002	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.080
MAXIMUM DAILY, 0.957 ON APR 6
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.01 AT 09:58 CST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 12 20 N
LONG 102 48 05 W
DRAINAGE AREA, 401 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.35
FEB	---	AUG	0
MAR	355	SEP	0
APR	960	OCT	0
MAY	369	NOV	---
JUN	5.44	DEC	---

TOTAL DISCHARGE, 1 690 dam³

WILLOWS COULEE RESERVOIR - STATION NO. 05JD005

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	685.540E	685.108	686.535	686.474	686.544	686.376	686.185	685.970	685.951	685.890	---	1
2	---	685.538E	686.132	686.535	686.470	686.535	686.373	686.178	685.965	685.956	685.889	---	2
3	---	685.536E	686.137	686.531	686.466	686.533	686.366	686.174	685.961	685.951	685.888	---	3
4	---	685.534E	686.152	686.529	686.466	686.527	686.359	686.164	685.953	685.950	685.885A	---	4
5	---	685.532A	686.233	686.529	686.506	686.520	686.359	686.158	685.949	685.949	---	---	5
6	---	685.532	686.332	686.528	685.524	686.514	686.351	686.152	685.944	685.947	---	---	6
7	---	685.530	686.404	686.525	686.522	686.509	686.341	686.147	685.939	685.944	---	---	7
8	---	685.528	686.414	685.522	686.522	686.502	686.338	686.140	685.934	685.945	---	---	8
9	---	685.527	686.419	685.519	686.542	686.499	686.334	686.130	685.932	685.941	---	---	9
10	---	685.525	686.423	686.518	686.571	686.494	686.336	686.127	685.940	685.938	---	---	10
11	---	685.522	686.427	686.514	686.578	686.487	686.335	686.117	685.943	685.931	---	---	11
12	---	685.522	686.436	686.513	686.584	686.474	686.330	686.113	685.940	685.926	---	---	12
13	---	685.520	686.475	686.513	686.600	686.464	686.323	686.108	685.935	685.921	---	---	13
14	---	685.520	686.524	686.513	686.618	686.459	686.318	686.102	685.935	685.918	---	---	14
15	---	685.519	686.542	686.511	686.614	686.458	686.312	686.093	685.936	685.915	---	---	15
16	---	685.519	686.547	686.509	686.607	686.454	686.302	686.086	685.939	685.913	---	---	16
17	---	685.521	686.548	686.510	686.604	686.451	686.293	686.079	685.936	685.912	---	---	17
18	---	685.519	686.549	686.514	686.602	686.448	686.280	686.071	685.935	685.910	---	---	18
19	---	685.518	686.547	686.512	686.602	686.443	686.271	686.062	685.942	685.909	---	---	19
20	---	685.517	686.549	686.508	686.599	686.438	686.285	686.052	685.956	685.909	---	---	20
21	---	685.515	686.549	686.506	686.590	686.430	686.258	686.045	685.977	685.908	---	---	21
22	---	685.513	686.548	686.504	686.588	686.419	686.253	686.038	685.985	685.907	---	---	22
23	---	685.512	686.549	686.502	686.590	686.413	686.251	686.031	685.959	685.906	---	---	23
24	---	685.513	686.550	686.500	686.590	686.407	686.246	686.025	685.955	685.904	---	---	24
25	---	685.579	686.548	686.496	686.587	686.401	686.239	686.017	685.986	685.904	---	---	25
26	---	685.735	686.545	686.492	686.581	686.394	686.234	686.011	685.984	685.902	---	---	26
27	---	685.844	686.544	686.489	686.576	686.383	686.231	686.005	685.980	685.902	---	---	27
28	---	685.991	686.544	686.485	686.570	686.382	686.223	685.997	685.956	685.898	---	---	28
29	---		686.544	686.481	686.565	686.378	686.212	685.990	685.954	685.896	---	---	29
30	---		686.543	686.478	686.556	686.379	686.204	685.981	685.952	685.895	---	---	30
3	---		686.540		686.550		686.192	685.978		685.894			31
MEAN	---	685.561	686.448	686.511	686.562	686.458	686.294	686.082	685.950	685.921	---	---	MEAN
MAX	---	685.991	686.550	686.535	686.618	686.544	686.376	686.185	685.977	685.956	---	---	MAX
MIN	---	685.512	686.108	686.478	686.466	686.378	686.192	685.978	685.932	685.894	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1986

MAXIMUM DAILY, 686.618 ON MAY 14
MINIMUM DAILY, 685.512 ON FEB 23
MAXIMUM INSTANTANEOUS,
686.620 AT 23:59 CST ON MAY 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 36 32 N
LONG 105 50 38 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WIWA CREEK NEAR ST. BOSWELLS - STATION NO. 05JC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	13.0 B	0.228	0	0	0.125	0	0	0	0	---	1
2	---	0 B	8.81 B	0.134	0	0	0.111	0	0	0	0	---	2
3	---	0 B	5.73 B	0.101	0	0	0.088	0	0	0	0	---	3
4	---	0 B	4.36 B	0.073	0	0	0.086	0	0	0	0	---	4
5	---	0 B	3.81 B	0.058	0.025	0	0.048	0	0	0	0	---	5
6	---	0 B	3.43 B	0.038	0.017	0	0.033	0	0	0	---	---	6
7	---	0 B	2.29 B	0.025	0.011	0	0.022	0	0	0	---	---	7
8	---	0 B	1.74 B	0.018	0.007	0	0.016	0	0	0	---	---	8
9	---	0 B	1.38 B	0.013	0.008	0	0.006	0	0	0	---	---	9
10	---	0 B	1.26 B	0.010	0.012	0	0.003	0	0	0	---	---	10
11	---	0 B	1.05	0.008	0.048	0	0	0	0	0	---	---	11
12	---	0 B	1.04	0.008	0.023	0	0	0	0	0	---	---	12
13	---	0 B	1.22	0.005	0.024	0	0	0	0	0	---	---	13
14	---	0 B	1.67	0.004	0.094	0	0	0	0	0	---	---	14
15	---	0 B	1.48	0.004	0.059	0	0	0	0	0	---	---	15
16	---	0 B	1.27	0.004	0.040	0.003	0	0	0	0	---	---	16
17	---	0 B	1.12	0.004	0.025	0.032	0	0	0	0	---	---	17
18	---	0 B	0.808	0.004	0.015	0.052	0	0	0	0	---	---	18
19	---	0 B	0.572	0.002	0.010	0.054	0	0	0	0	---	---	19
20	---	0 B	0.455	0.001	0.006	0.042	0	0	0	0	---	---	20
21	---	0 B	0.441	0.001	0.005	0.081	0	0	0	0	---	---	21
22	---	0 B	0.381	0	0.008	0.252	0	0	0	0	---	---	22
23	---	0 B	0.324	0.024	0.010	0.404	0	0	0	0	---	---	23
24	---	0 B	0.309	0.021	0.010	0.418	0	0	0	0	---	---	24
25	---	0.0028	0.2858	0.010	0.008	0.547	0	0	0	0	---	---	25
26	---	0.5008	1.40 B	0.006	0.007	0.444	0	0	0	0	---	---	26
27	---	5.81 B	2.09	0.004	0.005	0.323	0	0	0	0	---	---	27
28	---	18.5 B	1.52	0.007	0.003	0.232	0	0	0	0	---	---	28
29	---		1.05	0.061	0.002	0.182	0	0	0	0	---	---	29
30	---		0.818	0	0.001	0.130	0	0	0	0	---	---	30
31	---		0.381		0		0	0		0		---	31
TOTAL	---	22.812	85.088	0.804	0.488	3.174	0.510	0	0	0	---	---	TOTAL
MEAN	---	0.815	2.10	0.027	0.016	0.106	0.016	0	0	0	---	---	MEAN
MAX	---	18.5	13.0	0.228	0.094	0.547	0.125	0	0	0	---	---	MAX
MIN	---	0	0.286	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS FEB TO OCT

MEAN, 0.360
MAXIMUM DAILY, 18.5B ON FEB 28
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
18.9B AT 13:00 CST ON FEB 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 05 N
LONG 108 45 15 W
DRAINAGE AREA, 1 380 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	44.1
FEB	1 970	AUG	0
MAR	5 520	SEP	0
APR	89.5	OCT	0
MAY	42.0	NOV	---
JUN	274	DEC	---

TOTAL DISCHARGE, 8 020 dam³

REMARKS - SIGNIFICANT RUNOFF OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

WOLLASTON LAKE AT ROSS CHANNEL - STATION NO. 06DA001

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.294	28.260	28.228	28.188	28.204	28.562	28.608	28.688	28.686	28.516	28.424	28.370	1
2	28.286	28.259	28.225	28.178	28.207	28.571	28.613	28.694	28.642	28.518	28.426	28.361	2
3	28.288	28.260	28.221	28.178	28.207	28.573	28.613A	28.690A	28.597	28.531	28.436	28.361	3
4	28.286	28.264	28.218	28.178	28.222	28.578	28.626	28.681E	28.620	28.506	28.433	28.359	4
5	28.284	28.261	28.217	28.180	28.230	28.582	28.632	28.680E	28.651	28.527	28.420	28.354	5
6	28.282	28.259	28.217	28.177	28.233	28.591	28.625	28.682A	28.650	28.496	28.421	28.350	6
7	28.285	28.254	28.211	28.178	28.234	28.595	28.657	28.674	28.617	28.471	28.418	28.345	7
8	28.283	28.251	28.204	28.188	28.244	28.600	28.656	28.661A	28.632	28.490	28.411	28.350	8
9	28.278	28.246	28.208	28.189	28.253	28.598	28.658	28.665	28.631	28.524	28.412	28.353	9
10	28.277	28.248	28.205	28.159	28.271	28.604	28.661	28.678	28.620	28.446	28.402	28.347	10
11	28.278	28.248	28.205	28.152	28.298	28.608	28.658	28.680	28.592	28.512	28.396	28.349	11
12	28.281	28.244	28.202	28.182	28.308	28.605	28.662A	28.665A	28.589	28.489	28.401	28.350	12
13	28.278	28.244	28.202	28.169	28.335	28.606	28.645E	28.648E	28.585	28.480	28.396	28.350	13
14	28.278	28.238	28.200	28.167	28.339	28.606	28.652A	28.663A	28.592	28.500	28.399	28.347	14
15	28.279	28.238	28.198	28.166	28.343E	28.605	28.637	28.651	28.595	28.479	28.394	28.347	15
16	28.270	28.234	28.202	28.168	28.362E	28.618	28.652	28.651	28.589	28.482	28.391	28.342	16
17	28.268	28.231	28.198	28.161	28.381A	28.615	28.657	28.671	28.572	28.473	28.392	28.343	17
18	28.268	28.232	28.195	28.168	28.382	28.620	28.654	28.680	28.581	28.487	28.392	28.338	18
19	28.261	28.235	28.190	28.170	28.401	28.627	28.657	28.657	28.573	28.471	28.385	28.338	19
20	28.266	28.238	28.191	28.173	28.420	28.638	28.669	28.662	28.571	28.474	28.383	28.333	20
21	28.271	28.237	28.184	28.177	28.437	28.603	28.652	28.677	28.573	28.464	28.385	28.333	21
22	28.267	28.235	28.193	28.178	28.453	28.604	28.675	28.680	28.570	28.474	28.386	28.331	22
23	28.268	28.232	28.198	28.174	28.467	28.609	28.676	28.688	28.563	28.469	28.381	28.325	23
24	28.265	28.223	28.193	28.176	28.480	28.598	28.693	28.654	28.555	28.468	28.384	28.331	24
25	28.261	28.226	28.192	28.178	28.496	28.594	28.695	28.659	28.566	28.472	28.385	28.334	25
26	28.260	28.232	28.187	28.174	28.503	28.603	28.688	28.657	28.549	28.458	28.371	28.338	26
27	28.270	28.233	28.191	28.178	28.510A	28.606	28.700	28.656	28.549	28.452	28.370	28.336	27
28	28.267	28.230	28.193	28.173	28.518A	28.614	28.699	28.655	28.545	28.443	28.372	28.330	28
29	28.270		28.187	28.174	28.522E	28.613	28.699	28.651	28.539	28.452	28.374	28.330	29
30	28.266		28.188	28.188	28.531A	28.605	28.690	28.636	28.518	28.440	28.377	28.321	30
31	28.258		28.188		28.551		28.676A	28.614		28.428		28.320	31
MEAN	28.274	28.243	28.201	28.173	28.386	28.602	28.659	28.667	28.589	28.480	28.397	28.342	MEAN
MAX	28.294	28.264	28.228	28.188	28.551	28.638	28.700	28.694	28.656	28.531	28.436	28.370	MAX
MIN	28.258	28.223	28.184	28.152	28.204	28.562	28.608	28.614	28.518	28.428	28.370	28.320	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 28.417
MAXIMUM DAILY, 28.700 ON JUL 27
MINIMUM DAILY, 28.152 ON APR 11
MAXIMUM INSTANTANEOUS,
28.717 AT 15:26 CST ON AUG 15

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 28 50 N
LONG 103 15 50 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WOOD RIVER DIVERSION TO CHAPLIN LAKE - STATION NO. 05JC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.0798 B	2.10	0.821	0.270	0.048	0.102	0.086	0.234	0.086	---	1
2	---	0 B	0.1108 B	2.21	0.745	0.270	0.054	0.100	0.058	0.280	0.087	---	2
3	---	0 B	0.2846 B	1.88	0.633	0.254	0.058	0.087	0.075	0.264	0.105	---	3
4	---	0 B	0.6338 B	1.68	0.630	0.244	0.058	0.084	0.070	0.300	0.110	---	4
5	---	0 B	3.00 B	1.78	0.667	0.255	0.058	0.092	0.079	0.301	0.108	---	5
6	---	0 B	5.40 B	1.78	0.781	0.232	0.043	0.085	0.071	0.300	0.161A	---	6
7	---	0 B	5.09 B	1.78	0.828	0.222	0.037	0.083	0.061	0.310	---	---	7
8	---	0 B	4.83 B	1.83	0.860	0.223	0.032	0.087	0.052	0.285	---	---	8
9	---	0 B	4.13 B	1.81	0.893	0.222	0.031	0.080	0.089	0.265	---	---	9
10	---	0 B	3.34 B	1.68	0.999	0.189	0.035	0.075	0.089	0.323	---	---	10
11	---	0 B	2.84 B	2.00	1.27	0.174	0.035	0.072	0.058	0.277	---	---	11
12	---	0 B	2.83 B	1.98	1.27	0.118	0.071	0.073	0.051	0.233	---	---	12
13	---	0 B	2.77 B	1.98	1.45	0.103	0.083	0.078	0.045	0.241	---	---	13
14	---	0 B	2.54 B	1.86	1.45	0.106	0.081	0.078	0.057	0.227	---	---	14
15	---	0 B	2.48 B	1.73	1.42	0.117	0.071	0.080	0.080	0.207	---	---	15
16	---	0 B	2.18 B	1.69	1.43	0.118	0.063	0.079	0.064	0.206	---	---	16
17	---	0 B	2.27 B	1.62	1.52	0.126	0.057	0.073	0.047	0.197	---	---	17
18	---	0 B	2.26 B	1.59	1.55	0.121	0.044	0.075	0.044	0.197	---	---	18
19	---	0 B	2.51 B	1.56	1.54	0.109	0.037	0.079	0.052	0.188	---	---	19
20	---	0 B	2.16 B	1.57	1.52	0.086	0.038	0.070	0.058	0.174	---	---	20
21	---	0 B	1.89 B	1.57	1.58	0.084	0.035	0.068	0.073	0.167	---	---	21
22	---	0 B	1.85 B	1.53	1.61	0.086	0.032	0.089	0.080	0.171	---	---	22
23	---	0 B	1.69 B	1.48	1.21	0.059	0.042	0.081	0.083	0.155	---	---	23
24	---	0 B	1.76 B	1.41	0.824	0.052	0.052	0.081	0.083	0.138	---	---	24
25	---	0 B	1.77 B	1.36	0.700	0.042	0.066	0.082	0.173	0.143	---	---	25
26	---	0.0108 B	2.21 B	1.25	0.590	0.033	0.075	0.084	0.130	0.144	---	---	26
27	---	0.0258 B	1.65 B	1.13	0.448	0.026	0.110	0.054	0.181	0.130	---	---	27
28	---	0.0408	1.74 B	1.04	0.348	0.022	0.139	0.054	0.187	0.128	---	---	28
29	---		1.73 B	0.945	0.335	0.021	0.124	0.054	0.192	0.115	---	---	29
30	---		1.87 B	0.891	0.319	0.038	0.108	0.055	0.209	0.122	---	---	30
31	---		1.88 B		0.301		0.102	0.058		0.166		---	31
TOTAL	---	0.075	71.656	48.216	30.538	4.008	1.916	2.324	2.565	5.550	---	---	TOTAL
MEAN	---	0.003	2.31	1.64	0.985	0.134	0.062	0.075	0.085	0.213	---	---	MEAN
MAX	---	0.040	5.40	2.21	1.58	0.270	0.139	0.102	0.209	0.323	---	---	MAX
MIN	---	0	0.079	0.891	0.301	0.021	0.031	0.054	0.044	0.115	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.619
MAXIMUM DAILY, 5.408 ON MAR 6
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
5.578 AT 16:32 CST ON MAR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 48 N
LONG 106 21 31 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	185
FEB	6.48	AUG	201
MAR	6 190	SEP	220
APR	4 250	OCT	588
MAY	2 640	NOV	---
JUN	348	DEC	---

TOTAL DISCHARGE, 14 800 dam³

WOOD RIVER NEAR LAFLECHE - STATION NO. 05JA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	94.0 B	1.20	0.262	0.376	0.018	0	0	0	0	---	1
2	---	0 B	101 E	1.05	0.245	0.325	0.017	0	0	0	0	---	2
3	---	0 B	88.7	0.952	0.276	0.263	0.011	0	0	0	0	---	3
4	---	0 B	72.1	0.917	0.306	0.253	0.008	0	0	0	0	---	4
5	---	0 B	53.8	0.880	0.303	0.211	0.007	0	0	0	---	---	5
6	---	0 B	37.5 A	0.847	0.462	0.186	0.005	0	0	0	---	---	6
7	---	0 B	28.0 E	0.804	0.476	0.184	0.005	0	0	0	---	---	7
8	---	0 B	20.0 E	0.770	0.415	0.147	0.003	0	0	0	---	---	8
9	---	0 B	16.0 E	0.753	0.430	0.130	0.001	0	0	0	---	---	9
10	---	0 B	13.7 E	0.782	0.597	0.120	0.001	0	0	0	---	---	10
11	---	0 B	14.2 E	0.817	1.18	0.105	0.001	0	0	0	---	---	11
12	---	0 B	15.2 A	0.807	2.04	0.088	0	0A	0	0	---	---	12
13	---	0 B	15.3	0.797	3.30	0.080	0	0	0	0	---	---	13
14	---	0 B	14.1	0.676	3.96	0.074	0	0	0	0	---	---	14
15	---	0 B	14.7	0.811	3.80	0.070	0	0	0	0	---	---	15
16	---	0 B	10.2	0.536	3.71	0.069	0	0	0	0	---	---	16
17	---	0 B	7.58	0.474	3.26	0.067	0	0	0	0	---	---	17
18	---	0 B	6.03	0.452	2.59	0.064	0	0	0	0	---	---	18
19	---	0 B	5.13	0.430	2.14	0.061	0	0	0	0	---	---	19
20	---	0 B	4.38	0.409	1.87	0.060	0	0	0	0	---	---	20
21	---	0 B	3.65	0.388	1.65	0.054	0	0	0	0	---	---	21
22	---	0 B	3.33	0.376	1.44	0.048	0	0	0	0	---	---	22
23	---	0 B	3.89	0.362	1.24	0.042	0	0	0	0	---	---	23
24	---	0 B	3.66	0.361	1.07	0.035	0	0	0	0	---	---	24
25	---	0 B	2.77	0.373	0.923	0.028	0	0	0	0	---	---	25
26	---	0 B	2.02A	0.374	0.806	0.022	0	0	0	0	---	---	26
27	---	0.6568	2.10	0.361	0.704	0.018	0	0	0	0	---	---	27
28	---	41.3 B	2.06	0.329	0.607	0.014	0	0	0	0	---	---	28
29	---		1.83	0.301	0.524	0.014	0	0	0	0	---	---	29
30	---		1.61	0.274	0.465	0.016	0	0	0	0	---	---	30
31	---		1.40		0.418		0	0		0		---	31
TOTAL	---	41.956	657.85	18.442	41.329	3.226	0.077	0	0	0	---	---	TOTAL
MEAN	---	1.50	21.2	0.615	1.33	0.108	0.002	0	0	0	---	---	MEAN
MAX	---	41.3	101	1.20	3.96	0.376	0.018	0	0	0	---	---	MAX
MIN	---	0	1.40	0.274	0.206	0.014	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.75
MAXIMUM DAILY, 1018 ON MAR 2
MINIMUM DAILY, 08 ON FEB 1
MAXIMUM INSTANTANEOUS,
1198 AT 20 20 CST ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 01 N
LONG 106 41 33 W
DRAINAGE AREA, 4 730 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 65
FEB	3 620	AUG	0
MAR	56 800	SEP	0
APR	1 590	OCT	0
MAY	3 570	NOV	---
JUN	279	DEC	---

TOTAL DISCHARGE, 85 900 dam³

REMARKS - SOME FLOW OCCURRED IN FEB, OUTSIDE THE STANDARD PERIOD

YELLOW GRASS DITCH NEAR YELLOW GRASS - STATION NO. 05NB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.0408 B	0.098	0.001	0.005	0	0	0	0	0	---	1
2	---	0 B	0.0808 B	0.086	0	0.011	0	0	0	0	0	---	2
3	---	0 B	0.3508 B	0.076	0	0.017	0	0	0	0	0	---	3
4	---	0 B	1.24 B	0.103	0	0.003	0	0	0	0	0	---	4
5	---	0 B	1.32 B	0.115	0.011	0.003	0.011	0	0	0	0	---	5
6	---	0 B	1.08 B	0.113	0.507	0.010	0.002	0	0	0	0	---	6
7	---	0 B	0.7428 B	0.084	4.18	0.003	0	0	0	0	---	---	7
8	---	0 B	1.29 B	0.071	5.29	0.001	0	0	0	0	---	---	8
9	---	0 B	2.33 B	0.065	5.14	0.010	0	0	0	0	---	---	9
10	---	0 B	2.30 B	0.058	7.17	0.013	0	0	0	0	---	---	10
11	---	0 B	1.72 B	0.0538	7.77	0.013	0	0	0	0	---	---	11
12	---	0 B	1.27 B	0.0458	6.85	0.018	0	0	0	0	---	---	12
13	---	0 B	1.11 B	0.0408	5.88	0.001	0.004	0	0	0	---	---	13
14	---	0 B	1.82 B	0.0358	4.43	0	0.008	0	0	0	---	---	14
15	---	0 B	2.51 B	0.0308	2.92	0.001	0.002	0	0	0	---	---	15
16	---	0 B	3.18 B	0.0258	1.85	0	0	0	0	0	---	---	16
17	---	0 B	3.41 B	0.0448	1.44	0	0.009	0	0	0	---	---	17
18	---	0 B	3.26 B	0.05*	1.03	0	0.011	0	0	0	---	---	18
19	---	0 B	2.88 B	0.048	0.712	0	0.014	0	0	0	---	---	19
20	---	0 B	2.72 B	0.035	0.489	0	0.085	0	0	0	---	---	20
21	---	0 B	2.42 B	0.022	0.473	0	0.020	0	0	0	---	---	21
22	---	0 B	2.03 B	0.027	0.428	0	0.003	0	0	0	---	---	22
23	---	0 B	1.43 B	0.028	0.319	0	0	0	0	0	---	---	23
24	---	0 B	1.10 B	0.014	0.158	0	0	0	0	0	---	---	24
25	---	0 B	0.9628	0.009	0.111	0	0	0	0	0	---	---	25
26	---	0.0058	0.7018	0.018	0.085	0	0	0	0	0	---	---	26
27	---	0.0118	0.523	0.014	0.070	0	0	0	0	0	---	---	27
28	---	0.0208	0.575	0.010	0.053	0	0	0	0	0	---	---	28
29	---		0.398	0.008	0.041	0	0	0	0	0	---	---	29
30	---		0.244	0.010	0.031	0	0	0	0	0	---	---	30
31	---		0.182		0.032		0	0		0		---	31
TOTAL	---	0.038	44.987	1.445	57.661	0.109	0.149	0	0	0	---	---	TOTAL
MEAN	---	0.001	1.45	0.048	1.86	0.004	0.005	0	0	0	---	---	MEAN
MAX	---	0.020	3.41	0.115	7.77	0.018	0.085	0	0	0	---	---	MAX
MIN	---	0	0.040	0.008	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.383
MAXIMUM DAILY, 7.77 ON MAY 11
MINIMUM DAILY, 08 ON FEB 1
MAXIMUM INSTANTANEOUS,
8.04 AT 02:48 CST ON MAY 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 11 N
LONG 104 02 16 W
DRAINAGE AREA, 1 900 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	12.9
FEB	3.11	AUG	0
MAR	3 890	SEP	0
APR	125	OCT	0
MAY	4 880	NOV	---
JUN	9.42	DEC	---

TOTAL DISCHARGE, 9 020 dam³

YORK LAKE NEAR YORKTON - STATION NO. 05MB014

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	511.631	511.635	511.654	511.514	511.505	---	---	1
2	---	---	---	---	---	511.626	511.635	511.655	511.508	---	---	---	2
3	---	---	---	---	---	511.621	511.635	511.644	511.503	---	---	---	3
4	---	---	---	---	---	511.616	511.635	511.634	511.501	---	---	---	4
5	---	---	---	---	---	511.726	511.645	511.639	511.498	---	---	---	5
6	---	---	---	---	---	511.626	511.655	511.634	511.493	---	---	---	6
7	---	---	---	---	---	511.621	511.655	511.634	511.493	---	---	---	7
8	---	---	---	---	---	511.616	511.655	511.634	511.488	---	---	---	8
9	---	---	---	---	---	511.606	511.650	511.634	511.488	---	---	---	9
10	---	---	---	---	---	511.601	511.665	511.629	511.485	---	---	---	10
11	---	---	---	---	---	511.594	511.674	511.628	511.484	---	---	---	11
12	---	---	---	---	---	511.586	511.674	511.619	511.487	---	---	---	12
13	---	---	---	---	---	511.581	511.673	511.615	511.488	---	---	---	13
14	---	---	---	---	511.697	511.581	511.671	511.609	511.484	---	---	---	14
15	---	---	---	---	511.687	511.536	511.670	511.604	511.481	---	---	---	15
16	---	---	---	---	511.687	511.516	511.665	511.599	511.476	---	---	---	16
17	---	---	---	---	511.687	511.476	511.665	511.595	511.474	---	---	---	17
18	---	---	---	---	511.687	511.456	511.660	511.584	511.472	---	---	---	18
19	---	---	---	---	511.685	511.436	511.655	511.584	511.469	---	---	---	19
20	---	---	---	---	511.682	511.416	511.650	511.572	511.474	---	---	---	20
21	---	---	---	---	511.679	511.406	511.645	511.563	511.479	---	---	---	21
22	---	---	---	---	511.677	511.396	511.640	511.563	511.482	---	---	---	22
23	---	---	---	---	511.673	511.386	511.635	511.553	511.482	---	---	---	23
24	---	---	---	---	511.670	511.386	511.624	511.553	511.479	---	---	---	24
25	---	---	---	---	511.667	511.466	511.619	511.548	511.482	---	---	---	25
26	---	---	---	---	511.662	511.600	511.639	511.543	511.484	---	---	---	26
27	---	---	---	---	511.659	511.613	511.644	511.538	511.484	---	---	---	27
28	---	---	---	---	511.657	511.628	511.649	511.533	511.484	---	---	---	28
29	---		---	---	511.651	511.639	511.649	511.528	511.494	511.456	---	---	29
30	---		---	---	511.646	511.635	511.649	511.523	511.504	---	---	---	30
31	---		---		511.636		511.652	511.513		---		---	31
MEAN	---	---	---	---	---	511.549	511.651	511.592	511.487	---	---	---	MEAN
MAX	---	---	---	---	---	511.639	511.674	511.655	511.514	---	---	---	MAX
MIN	---	---	---	---	---	511.386	511.619	511.513	511.469	---	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1986

MINIMUM DAILY, 511.386 ON JUN 23

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 08 57 N
LONG 102 28 53 W
DATA CONTRIBUTED BY -
SASKATCHEWAN WATER CORPORATION

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

YORKTON CREEK NEAR EBENEZER - STATION NO. 05MB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0098	14.3 B	0.321	0.220	0.063	0.104	0.033	0.070	0.070	---	1
2	---	---	0.0108	8.28	0.310	0.185	0.078	0.082	0.032	0.062	0.068	---	2
3	---	---	0.0098	5.33	0.290	0.165	0.124	0.080	0.035	0.060	0.064	---	3
4	---	---	0.0108	4.93	0.240	0.162	0.087	0.076	0.031	0.048	0.0678	---	4
5	---	---	0.0118	3.82	0.284	0.211	0.096	0.142	0.028	0.051	0.0728	---	5
6	---	---	0.0128	3.30	1.01	0.444	0.405	0.121	0.026	0.045	---	---	6
7	---	---	0.0128	3.22	0.698	0.254	0.162	0.140	0.025	0.038	---	---	7
8	---	---	0.0128	2.62	0.626	0.191	0.122	0.113	0.025	0.028	---	---	8
9	---	---	0.0118	2.10	0.631	0.178	0.106	0.093	0.029	0.026	---	---	9
10	---	---	0.0118	1.93	0.946	0.165	0.134	0.072	0.031	0.027	---	---	10
11	---	---	0.0118	1.66	0.721	0.193	0.192	0.070	0.035	0.028	---	---	11
12	---	---	0.0128	1.29	0.640	0.152	0.185	0.064	0.038	0.026	---	---	12
13	---	---	0.0138	1.07	0.827	0.151	0.137	0.061	0.035	0.037	---	---	13
14	---	---	0.0138	0.910	0.656	0.138	0.111	0.059	0.038	0.035	---	---	14
15	---	---	0.0278	1.10	0.691	0.134	0.098	0.055	0.063	0.022	---	---	15
16	---	---	0.0388	1.10	0.584	0.119	0.100	0.053	0.048	0.021	---	---	16
17	---	---	0.0378	1.19	0.801	0.123	0.094	0.054	0.038	0.020	---	---	17
18	---	---	0.0268	1.33	0.513	0.137	0.081	0.050	0.035	0.018	---	---	18
19	---	---	0.0278	1.30	0.462	0.131	0.088	0.046	0.038	0.027	---	---	19
20	---	---	0.0288	1.11	0.438	0.124	0.099	0.039	0.041	0.028	---	---	20
21	---	---	0.0508	0.957	0.385	0.141	0.081	0.041	0.048	0.024	---	---	21
22	---	---	0.0888	0.837	0.334	0.122	0.070	0.026	0.042	0.024	---	---	22
23	---	---	0.1078	0.768	0.299	0.115	0.087	0.027	0.060	0.038	---	---	23
24	---	---	1.17 B	0.752	0.285	0.107	0.062	0.024	0.083	0.048	---	---	24
25	---	---	3.84 B	0.627	0.252	0.088	0.062	0.021	0.078	0.039	---	---	25
26	---	0.0068	3.69 B	0.473	0.214	0.103	0.064	0.021	0.074	0.048	---	---	26
27	---	0.0078	2.27 B	0.447	0.185	0.178	0.069	0.023	0.114	0.044	---	---	27
28	---	0.0088	2.48 B	0.388	0.184	0.114	0.070	0.026	0.086	0.055	---	---	28
29	---		5.73 B	0.375	0.173	0.070	0.064	0.031	0.089	0.064	---	---	29
30	---		10.3 B	0.334	0.163	0.059	0.102	0.031	0.061	0.070	---	---	30
31	---		13.1 B		0.198		0.081	0.035		0.089		---	31
TOTAL	---	---	43.169	67.958	14.171	4.725	3.383	1.892	1.391	1.240	---	---	TOTAL
MEAN	---	---	1.39	2.27	0.457	0.158	0.109	0.061	0.046	0.040	---	---	MEAN
MAX	---	---	13.1	14.3	1.01	0.444	0.405	0.142	0.114	0.070	---	---	MAX
MIN	---	---	0.009	0.334	0.163	0.059	0.062	0.021	0.025	0.018	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS MAR TO OCT

MEAN, 0.563
MAXIMUM DAILY, 14.30 ON APR 1
MINIMUM DAILY, 0.0038 ON MAR 1
MAXIMUM INSTANTANEOUS,
15.78 AT 07:47 CST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 22 50 N
LONG 102 30 11 W
DRAINAGE AREA, 2 320 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	293
FEB	---	AUG	163
MAR	3 730	SEP	130
APR	5 870	OCT	107
MAY	1 220	NOV	---
JUN	408	DEC	---

TOTAL DISCHARGE, 11 900 dam³

NAME	STATION NO.	PAGE
ADAMS LAKE	11AB095	1
ALCOTT CREEK ABOVE MEADOW LAKE	05AD011	1
ALTAWAN RESERVOIR NEAR COVENLOCK	11AB089	2
AMISK LAKE NEAR FLIN FLON	05KG003	2
ANGLIN LAKE RESERVOIR	05GG005	3
ANTELOPE CREEK NEAR CABRI	05HC005	3
ANTLER RIVER NEAR WAUCHOPE	05NF010	4
ARCOLA INDEX RESERVOIR	05NC006	4
ARM RIVER NEAR BETHUNE	05JH001	5
ASSINIBOINE RIVER AT KAMSACK	05MD004	5
ASSINIBOINE RIVER AT STUNCIS	05MC001	6
AVONLEA CREEK NEAR ROULEAU	05JE005	6
AVONLEA INDEX RESERVOIR	05JE010	7
AVONLEA RESERVOIR NEAR AVONLEA	05JE007	7
BALLANTYNE RIVER ABOVE BALLANTYNE BAY	05KF001	8
BARRIER RIVER BELOW BARRIER LAKE	05LA005	8
BATTLE CREEK AT ALBERTA BOUNDARY	11AB117	9
BATTLE CREEK AT INTERNATIONAL BOUNDARY	11AB027	9
BATTLE CREEK BELOW NASHLYN PROJECT	11AB101	10
BATTLE CREEK BELOW WILSON'S WEIR	11AB118	10
BATTLE CREEK NEAR CONSUL	11AB096	11
BATTLE RIVER AT BATTLEFORD	06FF001	11
BEAR CREEK NEAR PIAPOT	05HA003	12
BEAVER CREEK AT INTERNATIONAL BOUNDARY	11AF005	12
BEAVER RIVER BELOW WATERHEN RIVER	06AG001	13
BEAVER RIVER NEAR DORINTOSH	06AD001	13
BELANGER CREEK DIVERSION TO CYPRESS LAKE	11AC084	14
BIG GULLY CREEK NEAR MAIDSTONE	05EF005	14
BIG QUILL LAKE NEAR KANDAHAR	05MA010	15
BIG SANDY LAKE ON THE MANSON LAKE ROAD	05KF004	15
BIGSTONE LAKE NEAR LA RONGE	05CA004	16
BIRCH CREEK NEAR ELFROS	05MA011	16
BIRCH RIVER MARSH NEAR CUMBERLAND HOUSE	05KH014	17
BIRLING CREEK NEAR PAYNTON	05EE006	17
BOGGY CREEK NEAR LUMSDEN	05JF006	18
BOUNDARY RESERVOIR NEAR ESTEVAN	05NB012	18
BOXELDER CREEK NEAR WALSH	05AH001	19
BRIDGE CREEK AT GULL LAKE	05NA015	19
BRIGHTSAND LAKE NEAR ST. WALBURG	05EG010	20
BRIGHTWATER CREEK NEAR KENASTON	05NG002	20
BRIGHTWATER CREEK NEAR PROCTOR LAKE	05NG020	21
BRODERICK IRRIGATION PROJECT MAIN CANAL BELOW PUMPING STATION	05HF007	21
BRODERICK RESERVOIR AT WEST EMBANKMENT	05HF017	22
BROKENSHELL CREEK NEAR TROSSACHS	05JE008	22
BUFFALO POUND LAKE AT PUMPING STATION	05JG009	23
BURNTOUT BROOK NEAR ARBORFIELD	05KB005	23
CANDLE LAKE AT CANDLE LAKE	05KE008	24
CANOE RIVER NEAR BEAUVAL	06BB005	24
CARROT RIVER NEAR ARMLEY	05KB003	25
CARROT RIVER NEAR KINISTINO	05KA001	25
CARROT RIVER NEAR SMOKY BURN	05KC001	26
CARROT RIVER NEAR TURNBERRY	05KH007	26
CHIPMAN RIVER ABOVE BLACK LAKE	07LC002	27
CHITEK LAKE AT CHITEK VILLAGE	06AD012	27
CHRISTOPHER LAKE NEAR CHRISTOPHER LAKE	05GG009	28
CHURCHILL RIVER ABOVE OTTER RAPIDS	06CD002	28
CHURCHILL RIVER ABOVE WINTEGO RAPIDS	06EA011	29
CHURCHILL RIVER AT SANDY BAY	06EA002	29
CHURCHILL RIVER NEAR PATUANAK	06BB003	30
CLEARWATER RIVER AT OUTLET OF LLOYD LAKE	07CD006	30
CODETTE RESERVOIR ABOVE THE SPILLWAY	05KD006	31
CONJURING CREEK NEAR PREECEVILLE	05MC004	31
COOKSON RESERVOIR NEAR CORONACH	11AE013	32
COTTONWOOD CREEK NEAR LUMSDEN	05JF011	32
COWAN LAKE NEAR HONEYMOON POINT	06AE002	33
CREE LAKE AT CABLE BAY	07LD001	33
CREE RIVER AT OUTLET OF WAPATA LAKE	07LD002	34
CREIGHTON TRIBUTARY NEAR TOTNES	05MF014	34
CROMARTY CREEK NEAR BIRCH HILLS	05HH002	35
CROOKED HILL CREEK NEAR CANORA	05MB008	35
CROOKED LAKE NEAR GRAYSON	05JM008	36
CRYSTAL CREEK NEAR IFFLEY	05EG004	36
CUMBERLAND LAKE NEAR CUMBERLAND HOUSE	05KH002	37
CUTARM CREEK NEAR SPY HILL	05JM015	37
CUTKNIFE CREEK NEAR CUTKNIFE	05FF003	38
CYPRESS LAKE	11AC037	38
CYPRESS LAKE EAST OUTFLOW CANAL	11AC080	39
CYPRESS LAKE WEST INFLOW CANAL	11AB078	39
CYPRESS LAKE WEST INFLOW CANAL DRAIN	11AB085	40
CYPRESS LAKE WEST OUTFLOW CANAL	11AB077	40
DEAD LAKE PROJECT - SOURIS RIVER CHANNEL	05NB029	41
DEAD LAKE RESERVOIR NEAR MIDALE	05NB022	41
DELARONDE LAKE NEAR BIG RIVER	06AE004	42
DENNIEL CREEK NEAR VAL MARIE	11AC025	42
DESCHAMBAULT LAKE ON THE MANSON LAKE ROAD	05KF003	43
DESCHARME RIVER BELOW DUPRE LAKE	07CD007	43
DILLON RIVER BELOW DILLON LAKE	06BA002	44
DOGHIDE RIVER NEAR RUNCIMAN	05KB011	44
DORE LAKE AT DORE LAKE	06AG003	45
DORE RIVER NEAR THE MOUTH	06AG002	45
DOUGLAS RIVER NEAR CLUFF LAKE	07MA003	46
DOWNIE LAKE INFLOW CANAL	05HA070	46
DOWNIE LAKE RESERVOIR NEAR MAPLE CREEK	05HA064	47
DRAGLINE CHANNEL NEAR SQUAW RAPIDS	05KH011	47
DUCK CREEK NEAR KELVINGTON	05LA003	48
EAGLE CREEK NEAR ANGLIA	05GC002	48
EAGLE CREEK NEAR ENVIRON	05GC006	49
EAST POPLAR RIVER ABOVE COOKSON RESERVOIR	11AE014	49
EAST POPLAR RIVER AT INTERNATIONAL BOUNDARY	11AE003	50
EASTEND CANAL	11AC052	50
EASTEND RESERVOIR	11AC055	51
ECHO CREEK AT FORT QU'APPELLE	05JK008	51
ECHO LAKE AT FISH HATCHERY	05JK005	52
EKAPO CREEK NEAR MARIEVAL	05JM010	52
ELBOW DIVERSION CANAL AT DROP STRUCTURE	05JG006	53
EMMA LAKE NEAR TWEEDSMUIR	05GG008	53
ENGLISHMAN RIVER NEAR SPRUCE LAKE	05EF008	54
ETOMAMI RIVER NEAR BERTWELL	05LB002	54
EYEHILL CREEK NEAR MACKLIN	05GA007	55
FAHLMAN CREEK NEAR DAVIN	05JF008	55
FIFE LAKE NEAR LISIEUX	11SE018	56
FIR RIVER NEAR HUDSON BAY	05LB007	56
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FRENCHMAN RIVER AT INTERNATIONAL BOUNDARY	11AC041	59
FRENCHMAN RIVER BELOW EASTEND RESERVOIR	11AC001	59
FRENCHMAN RIVER BELOW NEWTON LAKE	11AC062	60
FROBISHER INDEX RESERVOIR	05ND006	60
GAFF DITCH NEAR MERRYFLAT	11AB102	61
GAINSBOROUGH CREEK NEAR STORTHOAKS	05NF013	61
GAP CREEK BELOW DOWNIE LAKE DIVERSION	05MA059	62
GARDEN RIVER NEAR HENRIBOURG	05GG010	62
GEIKIE RIVER BELOW WHEELER RIVER	06DA004	63
GIBSON CREEK NEAR RADVILLE	05NA005	63
GIRARD CREEK NEAR CORONACH	11AE015	64
GOOD SPIRIT LAKE NEAR CANORA	05MB010	64
GOOSEHUNTING CREEK NEAR BEATTY	05KA009	65
GREASE RIVER BELOW FONTAINE LAKE	07LE003	65
GREENLEIGH RESERVOIR NEAR BICKLEIGH	05MF016	66
GRECNWATER LAKE NEAR CHELAN	05LB011	66
GREIG LAKE NEAR BORINTOSH	06AF010	67
HAPPYLAND CREEK NEAR FOX VALLEY	05MB002	67
HARRIS RESERVOIR NEAR MAPLE CREEK	05MA074	68
HAULTAIN RIVER ABOVE NORBERT RIVER	06BD001	68
HAY MEADOW CREEK NEAR LISIEUX	11AE010	69
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IRONSPRING CREEK NEAR WATSON	05MA012	72
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JAN LAKE NEAR THE HANSON LAKE ROAD	05KG010	74
JEWEL CREEK NEAR GOODWATER	05NB014	75
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JUNCTION RESERVOIR NEAR MAPLE CREEK	05MA063	76
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KEELEY RIVER AT OUTLET OF KEELEY LAKE	06BB004	77
KELSEY CREEK NEAR GARRICK	05KE007	77
KENOSEE LAKE NEAR CARLYLE	05ND009	78
KIPABISKAU LAKE NEAR MCKAGUE	05LA007	78
KNOX COULEE NEAR TUXFORD	05JG015	79
KOHLESCHMIDT CREEK NEAR ROSTHERN	05MH003	79
LAC DES ILES NEAR GOODSOIL	06AF009	80
LAC LA RONGE AT LA RONGE	06CB001	80
LAC PELLETIER NEAR VESPER	05HD028	81
LAKE ATHABASCA NEAR CRACKINGSTONE POINT	07MC003	81
LAKE DIEFENBAKER AT GARDINER DAM	05HF003	82
LAKE DIEFENBAKER AT SASKATCHEWAN LANDING	05HC004	82
LAKE OF THE RIVERS WEST INFLOW	05JD004	83
LANIGAN CREEK ABOVE BOULDER LAKE	05JJ003	83
LANIGAN CREEK NEAR LANIGAN	05JJ010	84
LARSEN RESERVOIR NEAR RADVILLE	05NA006	84
LAST MOUNTAIN LAKE AT ROWAN'S RAVINE	05JM004	85
LEATHER RIVER NEAR STAR CITY	05KB006	85
LENORE LAKE NEAR MIDDLE LAKE	05KA011	86
LEWIS CREEK NEAR IMPERIAL	05JM005	86
LIGHTNING CREEK NEAR CARNDUFF	05NF006	87
LILIAN RIVER NEAR LADY LAKE	05MC003	87
LITTLE BEAR LAKE ON THE HANSON LAKE ROAD	05KF002	88
LITTLE BRIDGE CREEK NEAR ARMLEY	05KB008	88
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LODGE CREEK BELOW MCRAE CREEK AT INTERNATIONAL BOUNDARY	11AB083	89
LODGE CREEK NEAR ALBERTA BOUNDARY	11AB082	90
LOISELLE CREEK NEAR HUDSON BAY	05LB004	90
LONG CREEK AT WESTERN CROSSING OF INTERNATIONAL BOUNDARY	05NA003	91
LONG CREEK NEAR ESTEVAN	05NB001	91
LONG CREEK NEAR MAXIM	05NA004	92
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MACDONALD CREEK NEAR BOUNTY	05HF005	94
MACFARLANE RIVER AT OUTLET OF DAVY LAKE	07MB001	95
MACNAB CREEK NEAR SOMME	05LB008	95
MADGE LAKE NEAR KAMSACK	05LE012	96
MAGNUSSON CREEK NEAR WYNYARD	05MA021	96
MAKWA LAKE NEAR LODN LAKE	06AD014	97
MAKWA RIVER AT OUTLET OF MAKWA LAKE	06AD009	97
MAKWA RIVER AT RAPID VIEW	06AD007	98
MALONECK CREEK NEAR PELLY	05LE011	98
MANITO LAKE NEAR MARSDEN	05GA006	99
MAPLE CREEK BELOW JUNCTION RESERVOIR	05MA076	99
MAREAN LAKE NEAR CHELAN	05LB012	100
MCDONALD CREEK NEAR MCCORD	05JA003	100
MCDONALD TRIBUTARY NEAR TOTNES	05HF015	101
MCKINNON DITCH NEAR CONSUL	11AB044	101
MEADOW RIVER BELOW MEADOW LAKE	06AD010	102
MIDDLE CREEK ABOVE LODGE CREEK	11AB008	102
MIDDLE CREEK BELOW MIDDLE CREEK RESERVOIR	11AB001	103
MIDDLE CREEK NEAR GOVENLOCK	11AB108	103
MIDDLE CREEK RESERVOIR	11AB080	104
MIDDLE CREEK RESERVOIR BEDFORD OUTLET	11AB114	104
MIDDLE CREEK RESERVOIR FLOOD SPILLWAY	11AB115	105
MILLIGAN CREEK NEAR WADENA	05MA023	105
MONNERY RIVER NEAR PARADISE HILL	05EF004	106
MONTREAL LAKE NEAR WEYAKWIN	06CA006	106
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MONTREAL RIVER AT OUTLET OF BIGSTONE LAKE	06CA001	107
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MOOSE JAW RIVER NEAR BURDICK	05JE006	108
MOOSE JAW RIVER NEAR LANG	05JE002	108
MOOSE JAW RIVER NEAR ROULEAU	05JE004	109
MOOSE MOUNTAIN CREEK BELOW MOOSE MOUNTAIN LAKE	05NC001	110
MOOSE MOUNTAIN CREEK NEAR OXBOW	05ND004	110
MOOSE MOUNTAIN LAKE (RESERVOIR) NEAR CORNING	05NC002	111
MOOSOMIN LAKE NEAR MOOSOMIN	05NE002	111
MORIN CREEK NEAR MEADOW LAKE	06AD008	112
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05AD007	MAKWA RIVER AT RAPID VIEW	98
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05AD009	MAKWA RIVER AT OUTLET OF MAKWA LAKE	97
05AD010	MEADOW RIVER BELOW MEADOW LAKE	102
05AD011	ALCOTT CREEK ABOVE MEADOW LAKE	1
05AD012	CHITEK LAKE AT CHITEK VILLAGE	27
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05AE001	NORBURY CREEK NEAR SPIRITWOOD	117
05AE002	COWAN LAKE NEAR HONEYMOON POINT	33
05AE003	MORIN LAKE NEAR VICTOIRE	112
05AE004	DELARONDE LAKE NEAR BIG RIVER	42
05AF005	WATERHEN RIVER NEAR GOODSOIL	175
05AF007	WATERHEN LAKE NEAR DORINTOSH	175
05AF008	LAC DES ILES NEAR GOODSOIL	80
05AF010	GREIG LAKE NEAR DORINTOSH	87
05AG001	BEAVER RIVER BELOW WATERHEN RIVER	13
05AG002	DORE RIVER NEAR THE MOUTH	45
05AG003	DORE LAKE AT DORE LAKE	45
06BA002	DILLON RIVER BELOW DILLON LAKE	44
06BB003	CHURCHILL RIVER NEAR PATUANAK	30
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06BB005	CANOE RIVER NEAR BEAUVAL	24
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06CB001	LAC LA RONGE AT LA RONGE	80
06CB003	NEMEIBEN LAKE NEAR LA RONGE	115
06CC001	SMOOTHSTONE RIVER BELOW EMMELINE LAKE	149
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07CD006	CLEARWATER RIVER AT OUTLET OF LLOYD LAKE	30
07CD007	DESCHARME RIVER BELOW DUPRE LAKE	43
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11AB095	ADAMS LAKE	1
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11AC058	NEWTON LAKE	115
11AC080	CYPRESS LAKE EAST OUTFLOW CANAL	39
11AC082	FRENCHMAN RIVER BELOW NEWTON LAKE	60
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